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REMOTE STORAGE

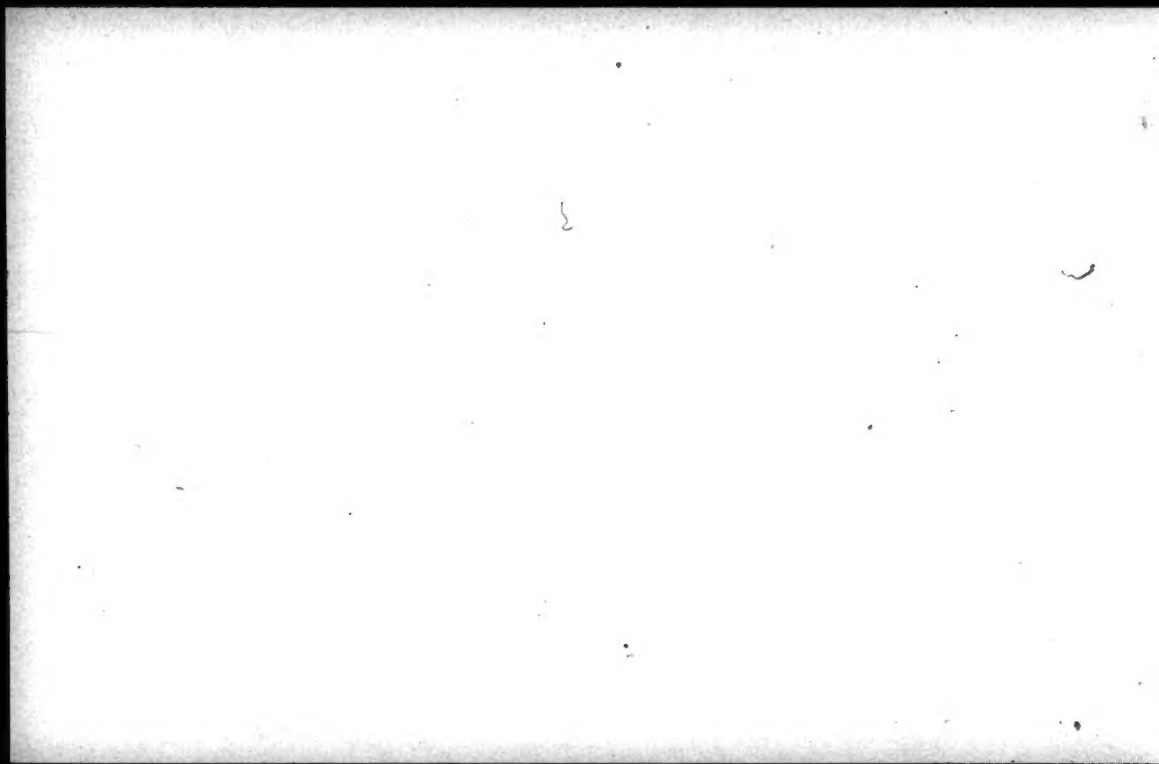
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REMOTE STORAGE

THE WEEKLY

FLORISTS REVIEW

FLORISTS' PUBLISHING CO., 520-535 Caxton Building, CHICAGO.

Vol. V.

CHICAGO AND NEW YORK, NOVEMBER 30, 1899.

No. 105.

ORDERS BOOKED NOW in order of receipt for rooted cuttings of the famous

Mrs. Thomas W. Lawson

The
\$30,000
Queen of

Carnations

For
Spring
Delivery

COMMENCING FEB. 1, 1900.

PRICES:	Per dozen.....	\$3.00
	Per 100.....	\$14.00
	Per 1,000.....	\$120.00
	Per 5,000.....	\$500.00
	Per 10,000.....	\$800.00

TERMS:
Strictly cash or
C. O. D. from
unknown parties.

The quoted prices are for the TRADE ONLY, and all orders must be from dealers. Cuttings will be carefully packed under the supervision and sent direct from the establishment of the originator and grower,

PETER FISHER, Ellis, Mass.

ADDRESS ALL CORRESPONDENCE AND MAKE ALL CHECKS, MONEY OR EXPRESS ORDERS PAYABLE TO

Thos. F. Gavin

124 Tremont Street.

BOSTON, MASS.

Mention The Review when you write.



HOLLY AND GREEN

Green,

Per crate, \$4.50. Freshly picked.
5 crates at \$4.25 per crate.

Holly,

BEST SELECT DELAWARE,
per crate, \$4.50.

THIS OFFER IS FOR
IMMEDIATE ACCEPTANCE.

Green Wreathing,

Special prices on large quantities.
MISTLETOE, WILD SMILAX,
PALM LEAVES,
NEEDLE PINES and all
Decorative Evergreens.
Write for quotations.

C. C. Pollworth Co.,

137 Oneida Street, - - - MILWAUKEE, WIS.

Mention The Review when you write.

To Plant After Early ---Mums---

SMILAX for Easter trade when all green
is scarce.
Strong Plants from 2½-in. pots, \$2.50 per 100.

VIOLETS Extra large field-grown
clumps of Princess of Wales,
\$8.00 per 100; California, \$5.00 per 100.
These are well budded and will give im-
mediate returns.

**CHRYSANTHEMUM
STOCK** All the leading standard sorts
and novelties. List of varieties and price on
application.

NATHAN SMITH & SON, - - Adrian, Mich.

Mention The Review when you write.

Edmund M. Wood & Co.
NATICK, MASS.

Sole control of

...LIBERTY ROSE...

for New England States.

Mention The Review when you write.

REED & KELLER,
122 W. 25th St., NEW YORK CITY.

Manufacturers of

WIRE DESIGNS

and Dealers in

FLORISTS' SUPPLIES

Mention The Review when you write.



THOMAS YOUNG, JR.

43
West
28th Street,
New York.

..WHOLESALE FLORIST..

Mention The Review when you write.

Narcissus Paper White grandiflora,	extra,	\$6.75 per 100
DUTCH HYACINTHS, first size, to name		65.00 per 1000
" " " to color		40.00 "
" " " miniature, to name		20.00 "
NARCISSUS Von Sion Mammoth		16.00 "
TULIPS in the best varieties, and extra large bulbs, prices by mail.		
AZALEAS INDICA, in the best market varieties, 10 to 12-inch diameter		35.00 per 100
" " " " 12-inch diameter and-up,		40.00 "
RHODODENDRONS, extra fine, for forcing, small plants		35.00 "
" " " " large		60.00 "
SNOWBALLS (Viburnum) for forcing		35.00 "
LILACS, Charles X. and Marie Legraye		45.00 "
CRIMSON RAMBLER ROSES, extra strong		25.00 "
HYBR. ROSES, low budded, \$10.00 per 100		75.00 per 1000

Prices on all other Bulbs
and Plants cheerfully given.

F. W. O. SCHMITZ, Jersey City, N. J.

Mention The Review when you write.



Christmas Stock.

Every florist is now thinking more or less about Christmas. It is good to think, but go slow on buying unless it be to secure some extra fine and scarce stock. In the matter of holly, etc., you have lots of time; 'tis better to wait and get the best than to rush and regret.

The question of a cheap pot cover is a very serious one to the plant trade; ordinary baskets come high, crepe paper gets mussed or wet and is often worse than nothing. In the interest of our readers we are always on the search, and down in the wholesale fruit market the other day we discovered what could be made the cheapest and a pretty cover. These were pot-shaped spill-baskets made for tomatoes or fruit; they are of all sizes and can be bought for from \$3 per 100 up; of course they need to be painted, but that is a small item; for about 5 or 7 cents it is possible to get up a very pretty 6 or 8-inch cover. Of course there is, and will continue to be, a limited demand for fancy basket pot covers, but a stock of them comes high and the majority of people won't stand for it. Make all you can on your flowers and plants, the customer is willing to pay for them but not often for baskets.

Good, showy flowering plants will be popular this Christmas. Pans of dwarf poinsettias dressed with well berried holly and tied with a band of silk ribbon to match will be a quick seller. Speaking of poinsettias, there will be lots of them used at Christmas. Get the best; they ought to bring a good price. Cut flowers promise to be scarce next month; the weather has been against greenhouse crops for the great event. Berries were never so plentiful, and holly should be better than ever. We expect some shippers of wild smilax to ship their material in match boxes soon; there's less and less in their cases every year. It is early yet to see what we are going to get from Europe, but we will keep you posted on all that's good and novel in due time.

The palm and general decorative plant trade in and around New York is very good and promises to be a

record breaker. Much of the trade at present is due to refilling house conservatories and general home decorations, but everything points to our having a fine season's trade. We are pleased to note that exterior winter decorations of shrubs are more in style than ever, though many of those seen are badly arranged and some of the conifers are too tender for northern winters.

Such a grand season for outdoor planting of trees, shrubs and herbaceous plants has never been known. If you have any of this work to do push it on at once. Don't forget the good, showy flowers; plant some around your place for show, and remember a shapely tree or shrub is a standing adv. for you. Sell off or throw away whatever is rubbishy in greenhouse stock. Nothing but the very best is the magnet for trade.

We notice that many small growers around the large cities have been doing quite a lot of wedding decorations this season. That is good, but to this section of our readers we would say don't undersell your city friend. It is not always the quantity of material you put in a house that counts, it's rather the way you arrange it.

Here's a subject every florist should know, some of them do; it's the value of a servant's friendship. There are but a few in this world who wear crowns but there's a vast army who'd like to, and whew, what a place this earth would be if the thin garb of insolent arrogance could hide the chunks of low stupidity. There are many in our business who deserve all the credit due to those who succeed, but few wish to remember the narrow, slippery planks they once walked; this all bears on our subject. There is no one with whom the florists deal that has more power or influence than the servant in the mansions of the wealthy, and what do they get in return? Let us look at the matter more clearly; you have a decoration in the house and want ladders, sheets, and lots of things, and you imagine these people are there to wait on you. You are late, or make a mess and allow them no time to clean. Perhaps you have a dinner decoration; you've been busy and are late, you

know the result; or maybe you want to collect a bill. Perhaps the butler or housekeeper can order where he or she pleases. Yes, it's a serious matter any way you look at it. These people can make it warm or pleasant for you, and they deserve respect and consideration. A small plant, a few flowers, yes, a fair commission should be given them; you have to throw much more away on desperate and futile attempts to win trade.

Live and let live.

IVERA.

FLOWERS AT THE VICE-PRESIDENT'S FUNERAL.

J. H. Small & Sons, of Washington and New York, had charge of the flowers and decorations for the funeral of the late Garret A. Hobart, vice-president of the United States, who was laid to rest at Paterson, N. J., Nov. 25. Your readers will have seen details of the funeral in the great dailies, it is only our province to inform them of the flowers, which were many and very beautiful. Over one hundred designs were sent from all over the country, and they were of such a size and quality that makes it safe to say there were never so many flowers seen at a funeral in this part of the country before.

In our capacity as representative of The Florists' Review we were given special privilege to examine the floral tokens of respect, and though many of them had been sent from long distances and had been "made up" for days, still they were all beautiful. Of course there were many grades of work there, and an occasion like this gives great opportunities for study (we would be almost tempted to say that a walk through some large cemetery would be a good chance for some florists to learn the difference between good and bad work). But to return to our subject.

Though there were a few designs such as floral chairs, Faith, Hope and Charity, etc., which reminds you of the past, we noted with pleasure that the vast majority of the designs were wreaths and bunches. A well made standing cross of violets looked fine. Strange to say, there were few violets and chrysanthemums used in the work President McKinley sent a wreath of white carnations and orchids. There were two wreaths in which Golden Gate roses were the principal flowers—the rose is fine for this work.

An immense wreath of Asparagus Sprengeri and Dendrobium formosum giganteum we took to be the finest of all the work, though it was closely followed by a great double wreath of Cycas revoluta with a large cluster of mixed orchids. These wreaths were four and five feet in diameter and made a grand appearance. Three of the standing wreaths were over six feet in height and the same in diameter; they were of white and pink roses, the bases American Beauties. One of these huge wreaths was made to represent or signify "from childhood to

old age." Pansies and spring flowers were followed by roses and violets and so on until a sheaf of wheat and oak leaves finished the circle; it was a good piece of work, full of beautiful sentiment in which art and love were blended together.

Another flat wreath was composed of white camellias and Dendrobium formosum. There were not very many cattleyas used, but there was a vast quantity of cypripediums and Dendrobium phalaenopsis. A large bunch of Papa Gontiers was an unusual sight, and then there were Beauties by the hundreds. You've seen the pancake wreaths of twenty years ago? Well, they were to be seen here, and what a contrast they were to the well made wreaths of today.

The designs completely filled the large receiving vault in which the body rests for the present. The exterior of the vault was prettily covered with evergreens. Thousands lined the roads, but never a word was heard, the rustle

of falling leaves and the sighing of an avenue of tall weeping willows, the wreath-covered casket, and behind the president his cabinet and the leaders of the country. It was a picture not soon to be forgotten. A poor boy, a great man, the end of all.

The decorations of the church where the services were held were very beautiful. Wm. Trumpore, of Small's, had charge of all the work at Paterson. The walls of the church were delicately draped with southern smilax, the window sills were filled with white chrysanthemums and ferns, tall kentias were banked along in front of the altar, the pots of which were hidden with great clusters of white mums. The tone colors of the entire decoration were white and green, except in one feature, the baptismal font, which stood at the head of the casket; this font was filled with 150 large American Beauties. The whole of the decorations showed excellent taste and were greatly admired. IVERA.

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Azaleas have become one of our leading flowering plants. The plants that you have grown over summer force the best, but the newly imported plants can be had in for Christmas if proper treatment and proper selection of varieties is made. Deutsche Perle is of course the white; Vervaeneana is the beautiful variegated pink; and Simon Mardner the fine double red. They want abundance of water at the roots, syringing twice a day till the flower is expanded, and a good strong heat. If they must have it to open their flowers they will endure 70 degrees at night.

While speaking of azaleas, how very different is the treatment of those you want in flower at Easter. If we get a mild winter and Easter is late (this year it is the middle of April) it is difficult to keep some of the best varieties from being too early. So anything above freezing will do. But with all this low temperature you must keep them moist at the root and give an occasional syringing.

It is not so easy to get the imported lilacs in flower by the holidays, but if you can give them a steady heat of 90 and plenty of syringing you can do it in about three weeks. After New Year's they force easily and a few should be brought in every week.

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NEW CRIMSON MUM.

We present herewith a life size engraving of the new crimson chrysanthemum, Malcolm Lamond, which we mentioned in our issue of Nov. 9, and which Mr. John Thorpe pronounced the best crimson since G. W. Childs.

The variety originated with Mr. James Niven, of the Thermal Vale Nursery, Oakland, Cal., and is the result of a cross between G. W. Childs and an unnamed seedling. The fact that blooms traveled across the continent and arrived in good condition

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There is always an inclination comes over you to bring in a lot of tulips and perhaps Dutch hyacinths with the view of having them for the holidays. Don't do it. They want a great heat, are consequently terribly forced and unsatisfactory. And if you do succeed in getting a 6-inch stem to them they will only sell after carnations, roses and other better flowers cannot be had. Don't bring in any tulips till New Year's. By that time they will be well rooted and in three weeks you will have good flowers.

The paper white narcissus is a most useful flower for Christmas. If you brought them in in good time to bring them along cool they will be all the better. In a cool house and fully developed is the way to have the paper white.

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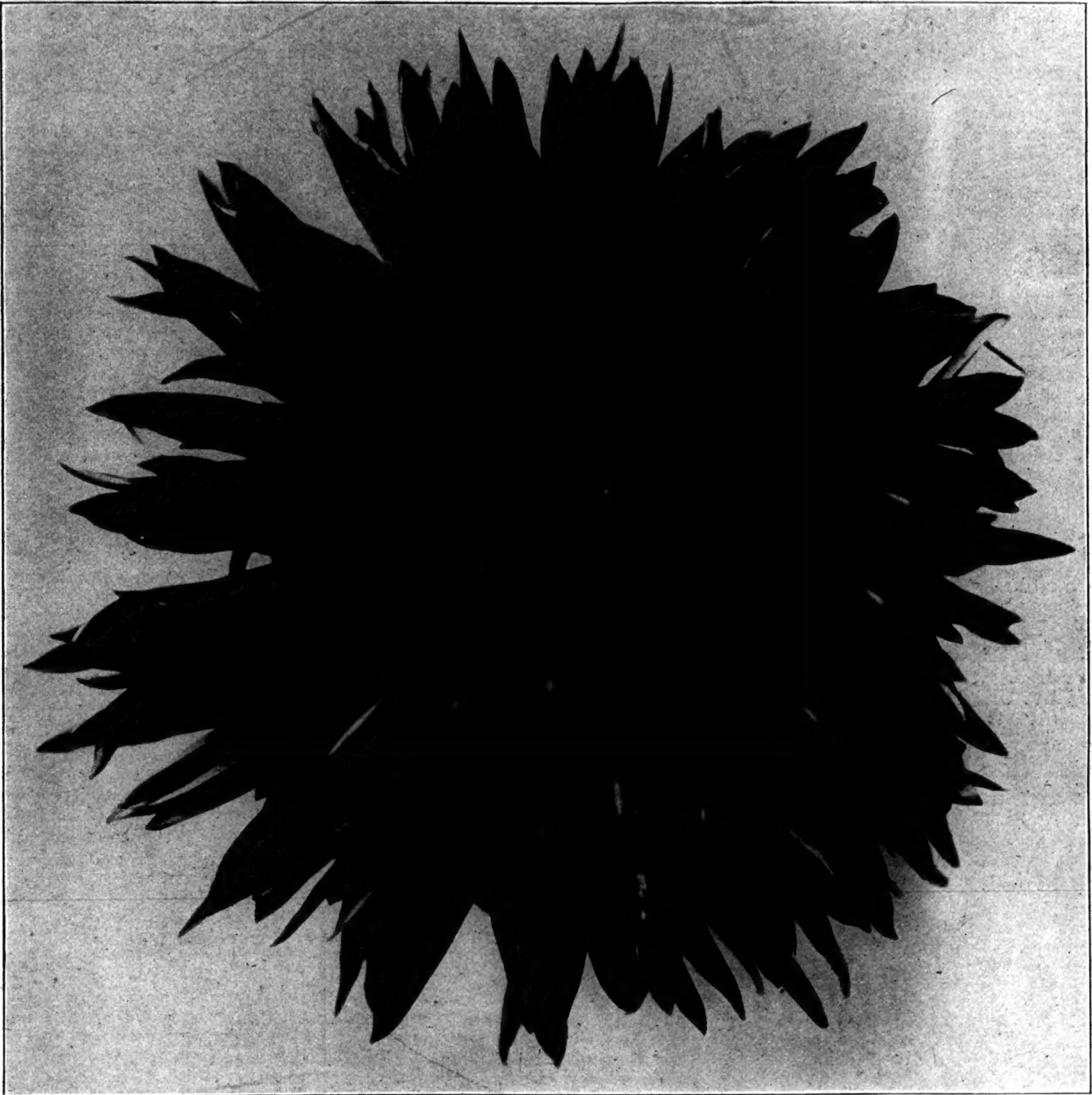
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I like to have the Dutch hyacinths in pots in a frame and in addition to the covering of soil, ashes or tan bark and the manure, covered with sash. Hard freezing may not injure the bulbs, but they are just as well not frozen, and much more convenient to get at. And you won't have a lot of broken pots and pans, which, however much they may gladden the eye of the thrifty pot maker, make serious inroads into your exchequer. Somebody, perhaps everybody, wonders where the pins all go. Florists can wonder where all the pots go.

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Most growers ship in their stock promiscuously regardless of grade and then make an estimate on the quantity they shipped and what it ought to bring. Figuring this way they will find returns usually below their estimates. If stock was properly graded in 1sts, 2nds and 3rds it would save considerable rehandling and also the depreciation in the count of the grower and commission man, and returns would be the prevailing market prices according to grade. While it is difficult to maintain prices at times when stock is plentiful, still much may be due to low prices at such times by the commission man endeavoring

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to get the other fellow's customer at the grower's expense.

The fakir also comes in for his share in recent discussions. He now stands side by side with the aristocratic buyer at the commission man's counter. As he is apparently here to stay he must be recognized. As the grower's stock varies from good to bad throughout the season he at all times expects the commission man to look out for his interests and the only recourse is the fakir when the stock is off. While the fakir consumes an enormous lot of stock which probably would otherwise be lost, still he ought to be kept in his place. The wholesaler should keep him where he belongs by only selling him such stock as no respectable dealer would sell. In this way it would leave an argument for the florist to his customers in the difference of his stock and the fakirs' should it be necessary. If we give the fakir an equal chance with the aristocratic buyer, then soon everything will be Greek to us. The assumption that the world owes us a living may contain some truth, but with the present state of affairs we'll be owing the world to live.

CHARLIE'S UNCLE.

ROSE NOTES.

There is one thing connected with cutting that I neglected to mention in my last; it is the implement with which the operation is performed. Some growers prefer a knife, others shears. I am partial to a pair of small shears, as I think the bloom can be severed from the plant without the amount of pulling that will occur with a knife unless great care be taken. There are a number of kinds of shears in the market that hold the bloom after cutting. I have tried some of them, but have not found any thoroughly successful. Whatever is used, knife or shears, see that it is very keen and keep it so at all times.

The next thing to be considered is a suitable place to keep the cut blooms until they are marketed. The best place to keep the cut blooms is a cool, clean, well ventilated cellar where nothing else save flowers is kept. Of course on the large places there should be an ice house with regular cooling rooms, and these, with the ordinary cellar of the small place, should be fitted up so the work of caring for the blooms can be properly done. There should be a room attached where the sorting and packing is done. In it should be a commodious table on which to grade up the blooms, with waste boxes for the reception of all bad petals and leaves that may be picked off, drawers for keeping various articles required in packing, plenty of boxes of the proper shape and sizes for the different stock to be shipped, rolls of paper of convenient size as experience shows is best suited to your needs.

The cellar should be kept scrupulously clean and be supplied with water and perfect drainage. An abun-

dance of vases of various sizes should always be at hand, and these should be given a thorough washing frequently as they soon become slimy. The water should be changed every day. In setting the vases of flowers in the cellar arrange them so those that have to be taken out first are in the front so there will be no brushing against those that are to remain longer. A. O. T.

THRIPS ON ROSES.

How can I rid my roses of thrips? They disfigure the buds so they are unfit to sell. When the buds open I find from one to a dozen of these insects in each. W. H. W.

If W. H. W. will fumigate every night for a couple of weeks I think he will rid his houses of thrips. Fumigate one night with tobacco stems and the next night with ground red pepper. A handful of the red pepper sprinkled over a shovelful of red hot coals will be enough for a house 100 to 150 feet long and 25 feet wide.

The shovel should be carried behind you through the house to avoid inhaling the fumes. A. O. T.

ART AT FLOWER SHOWS.

Editor Florists' Review: In your current issue we note with interest and amusement some of the observations by Ivera upon "art at flower shows." Your correspondent has dilated with his usual eloquence upon several well timed topics, subjects that deserve our earnest consideration. Regarding the grouping of plants at flower shows your correspondent speaks very ably, but right here I would like to say somewhat in defense of the exhibitor.

The cone-shaped mound has become a stereotyped figure, but is this entirely the fault of the exhibitor? We have attended a good many flower shows and have also erected mounds at several, but that was not always our fault. On entering the show room with our plants we have, without exception, been shown the circle, or semi-circle, in which we had to artistically arrange our exhibit. Now, sir, it may be possible to artistically dress a pig, but really when one has to arrange plants—which in themselves are five or six feet high—in a circle, how is it possible to do this so that each flower can be seen if they be not somewhat elevated in the center?

By the by, artistic arrangement is very seldom called for where a group of chrysanthemums are concerned, the reading of the schedule usually being: "For best group of chrysanthemums to cover so many feet." We therefore arrange our groups so that the best side of the flower will catch the judge's eye; this is the growers' lookout; quality in flower, stem and foliage being all that is usually called for, and with all due deference to Ivera I think it is the grower and not the artist that is the best judge in this case. But I would like to see reform and I think

societies are wrong in confining exhibitors to circles and semi-circles; exhibitors ought to be allowed to choose the form that suits their tastes.

Regarding "the carriage house rehearsal," we can with wonderful accuracy read between the lines, and in our several attempts at mound building, though we may have gained little of artistic knowledge, we have learned at least one thing: to try the thing at home first. We very vividly recall a ride of thirty miles on a very cold morning some time ago, on a wagon containing the material for a mound which had not previously been rehearsed, and to our dismay we found before we were finished that all our artistic skill could not stretch our quantity to cover the desired space. It is a very simple arithmetical problem to tell the quantity of square bricks that are required for a certain number of feet, but when we are dealing with a miscellaneous collection of 6, 7, 8 and 9-inch pots, with one, two or three flowers each, the case is somewhat different, and I say again, with some experience and former vexation: "Let us rehearse by all means. In the carriage house, if need be."

THE NOVICE.

CHRYSANTHEMUM SOCIETY OF AMERICA.

As has been announced, Saturday was the last date for regular meetings of the C. S. A. committees. To provide for late seedlings it has been the custom to meet on Saturdays when requested. Those having late blooms to show can arrange for a special meeting by addressing the chairman of the committees, as follows:

A. H. Fewkes, Newton Highlands, Mass.

Eugene Dailedouze, Flatbush, L. I., N. Y.

A. B. Cartledge, 1514 Chestnut St., Philadelphia, Pa.

R. Witterstaetter, Sedamsville, O.

Jas. Hartshorne, Joliet, Ill.

Notice should be given the chairman at least two days before they are shown.

Work of the Committees, Nov. 28, 1899.

NEW YORK.—Nathan Smith & Son, Adrian, Mich., exhibited the following three varieties: Stellata, a rich yellow Japanese variety, scored both scales 95 points. White Bonnaillon, a white Incurved, scored commercial scale 89 points. Pluma, a light pink hairy Inc. Jap., scored commercial scale 80 points.

BOSTON.—The following three varieties were exhibited by Nathan Smith & Son: Pluma, scored exhibition scale 86 points. Lavender Queen, a deep lavender pink variety of the Jap. Ref. type, scored commercial scale 92, exhibition scale 95 points. Intensity, a crimson Japanese variety, scored commercial scale 94, exhibition scale 90 points.

PHILADELPHIA.—Edward Salyer, Wilkes Barre, Pa., exhibited Mrs. Edward Salyer, a white Jap. Incurved,

which scored commercial scale 89, exhibition scale 87 points. The following were shown by Nathan Smith & Son: White Bonnaillon, scored commercial scale 89 points; Stellata, scored both scales 88 points; Lavender Queen scored commercial scale 83, exhibition scale 82 points; Intensity, scored commercial scale 87, exhibition scale 82 points; Pluma, scored commercial scale 86, exhibition scale 85 points.

CINCINNATI.—Mrs. J. G. Robinson, Santa Clara, Cal., exhibited Margaret Enright, Japanese, white shaded lemon, scored commercial scale 89 points.

CHICAGO.—Nathan Smith & Son exhibited the following: Intensity, scored exhibition scale 82 points; Pluma, scored exhibition scale 83 points; White Bonnaillon, scored commercial scale 85 points; Stellata, scored commercial scale 92 points.

ELMER D. SMITH, Sec'y.

NEW YORK.

It is a pleasure to once in a while report good trade and much brighter prospects. Wall street is the financial pulse of the country, and New York, floriculturally speaking, is the main spring of trade on this continent. Some there are to be sure who still complain, aye, will die complaining, but nevertheless business is good and will be better. Cut flower crops have shortened up somewhat, but 'tis better now than later on. Chrysanthemums are on the wane, but other and more valuable flowers are coming in.

We have met several large plant growers who say this, so far, is the best season they ever had. Extra fine decorative stock is not very plentiful and the season has not properly commenced yet. No, there are no dukes or princesses going to be married here this year, but it is a fact that such folks do not always spend the most money for decorations; their glory originates in the newspapers. There is enough of prosperity to guarantee a vast amount of money being spent for flowers, so stir yourself and catch your share.

As for new stores and stands in New York, don't mention it. Every time you ride up an avenue you may notice a new florist. This is particularly the case with Columbus avenue. At Seventy-second street we see Giatras has taken in another store; this will make his perhaps the largest florist's store in the city. We wonder whose money this is. You remember the terrible failure there a year ago? All the leading tradespeople lost money and yet, and yet, they are able to continue and enlarge.

We are informed that a new concern will shortly open at Seventy-fourth street and Columbus avenue; there must be good trade on the West Side.

Though very little greenhouse stock is seen in the auction rooms these days, still business is very good there and vast quantities of nursery stock are disposed of at fair prices.

We very much regret to have to re-

port that Mrs. Burns, wife of Alex. S. Burns, of Woodside, is dangerously ill with pneumonia.

The daily papers have been giving us startling accounts of fatal accidents and other misfortunes to Mr. R. L. Cottonet, proprietor of the Rosary Flower Co. It is true that Mr. Cottonet received a shake up on the hunting grounds at Westbury, but he is all right again and we are glad of it, for whatever else may be connected with that concern he at least is a perfect gentleman.

A call from the city prevented our reporting the last meeting of the New York Gardeners' Society, which was held at the Grand Central Palace, Nov. 18. The Florists' Review prize, Scott's Florists' Manual, was awarded to Wm. Scott, president of the society, for a display of thirty varieties of chrysanthemums. Charles Webber and A. Welsing also made interesting exhibits, which were certificated. The nomination of officers took place at this meeting, but we'll tell you who's elected.

We're all peaceful here; nobody's been kilt lately, and for scandal we're no school.

They who try to be authorities on prices are only joking; such a thing is impossible in New York, and to prevent indignation meetings in our rural districts we avoid the subject unless once in a while. But what we would like to say is this, that much of the finest stock coming into New York at present can be seen at Thomas Young's, and it will be there till long after the holidays.

There were some strange faces up at the bowling alleys Monday night. It's funny how long it takes some folks to get around. Here are the scores:

P. O'Mara	146	128	130
W. Marshall	128	180	147
H. Siebrecht	114	126	113
S. Butterfield	104	154	...
T. Lang	174	124	168
C. Schenck	115	130	130
J. Young	145	123	...
J. Withers	140	126	112
F. Traendly	102	113	...
M. Hart	94	99	...
W. Stewart	99	141	99
C. Elliott	103	113	...
J. Donlon	177	103	133

J. I. D.

PHILADELPHIA.

Business has been exceptionally good the past week, both in cut flower and foliage plants and particularly so in the latter, which we believe is a little ahead of last year. Roses have been somewhat scarce the past week; also good double violets.

Prices.

Beauties, \$1.50 to \$6 per doz., fancy \$8; Liberty, \$25 for best; Kaiserins, \$4 to \$6, fancy \$8 to \$10; Brides, Maids and Meteors, \$4 to \$6, fancy \$8; La France, \$4 to \$5; Perles, \$3 to \$6. Carnations, common, \$1 to \$1.50, fancy \$2; E. Crocker, \$5 per 100; valley, \$3 to \$4, fancy \$5; narcissus, \$3 to \$4; violets, single 50 cents, double \$1 to \$1.50; mums, ordinary \$1, fancy \$2.50 per doz.; mignonette, \$2 to \$4; asparagus, 50 cents; adiantums, \$1; smilax, 15 cents per string.

Notes.

It is rumored that the Greeks are going to open a wholesale cut flower house in this city. They intend to buy direct from the growers, making yearly contracts with them. We believe this will have a decided effect on some of our wholesalers from the fact that the Greek will be satisfied to do business on a smaller margin. No doubt they will do a big business with the street fakir.

Visitors.

Our visitors this week were: Marshall Clark, New York; Julius Roehrs, Carlton Hill, N. J.; Samuel Feast, Baltimore; C. L. Dole, Lockport, N. Y.; F. A. Fairbrother, Providence, R. I., and W. C. Krick, Brooklyn, N. Y.

R.

ST. LOUIS.

The Market.

There has been no marked change in the condition of the market since last reports. Chrysanthemums have shortened up and better prices are obtained for roses and carnations.

There is no overstock of anything just now and the chances are that prices for Thanksgiving week will go up to \$6 and \$8 per 100 for Brides, Meteors, Carnots and Bridesmaids; that is, for first class stock, with seconds from \$3 to \$5. Perles and Woottons, \$5 to \$6, and scarce at that. First class stock in American Beauties is also very scarce and price will go up as high as \$6 per dozen. Short stemmed stock is now selling from \$8 to \$12.50.

Carnations have taken a jump and fancy stock is selling from \$3 to \$4; common from \$2 to \$2.50. They were quite plentiful last week, but are now sold out clean. Good red very scarce. Scotts, Daybreak and any kind of white are fine and sell well.

Violets are not over-plentiful now and Californias bring \$1 per 100 this (Monday) morning; small singles, 50 cents.

Bulb stock has also taken a slight jump. Romans sell at \$4; paper whites, \$4, and fine valley brings \$5. Very few are sold at \$4. Smilax has had a good call and sells at \$12.50. It is fine and not over-plentiful.

Club Meeting.

The next meeting of the club will be a very important one and it is the duty of every member to be present and hear the report, made by the exhibition committee, on the late show, which was a failure financially. The trustees report that two essays will be read by two of our largest exhibitors at the show. One by Carl Beyer, on "How to Grow Plants for Exhibitions," and the other by Emil Schray, on "How to Grow Exhibition Cut Blooms." As both were very successful in taking firsts at our late show President Ammann says that he wants every member present without fail. The meeting will be called promptly at 3 o'clock on Thursday, Dec. 14.

The chances are that the next exhibition by the club will be a prize fight. This will probably draw better than flowers. Stranger things than that have happened.

Notes.

The Junior Florists' Bowling Club have moved to the new regulation alleys opposite the court house and will roll regularly every Tuesday night. The match game between them and the older club comes off within two weeks. A prize will be given the winning team. The Juniors claim that they are rolling good enough now and that they need no handicap. Great interest is taken in this match by friends of both clubs.

Bowling.

The Bowling Club received a challenge from the Junior Bowling Club to roll a match game on Monday night, Dec. 4, at the Court House alleys, which was accepted. Three best games out of five, the losing club to pay all expenses of the evening. The Juniors are putting up some very stiff games and some good ones may be looked for. The scores on Monday night were as follows:

	1st.	2d.	3d.	4th.	Tot.	Av.
C. A. Kuehn.....	175	153	184	169	681	170
J. J. Beneke.....	136	152	121	197	606	151
C. C. Sanders.....	135	116	164	109	524	131
J. W. Kunz.....	140	113	132	...	385	128
F. C. Weber.....	116	149	111	...	376	125
F. J. Fillmore.....	78	94	121	92	385	96
J. J. B.						

INDIANAPOLIS.

All the prominent cities except Indianapolis have had shows this year, but we didn't have the nerve to give one this year. Some of our members are superstitious—this would have been our 13th.

But we did have a little show among ourselves, so to speak, and the flowers that were shown at the exhibit at the State House were hard to beat. Following are the awards:

Six market plants: First, John Hukriede.

Six single stems: First, H. W. Rieman.

Cut blooms, six white: First, J. Hartje with Robinson; second, Stuart & Haugh, Anderson, Ind.

Cut blooms, six pink: First, H. W. Rieman with Helen Bloodgood; second, E. Hukriede & Sons.

Cut blooms, six yellow: First, F. Conway with Bonnaffon; second, H. W. Rieman.

Cut blooms, six red: First, H. W. Rieman with Nyanza.

Six varieties, six blooms each: First, Bertermann Floral Company; second, H. W. Rieman.

E. G. Hill & Co. received a certificate for the new carnation Ethel Crocker and honorable mention for carnations America and Indiana.

Bertermann Floral Company and H. W. Rieman received honorable mention for display of mums, and Stuart & Haugh for general display.

After the premiums were awarded

the premium blooms were sold at auction, the mums going rather cheap, while the carnations brought a good price.

At the meeting held in connection with the show the question in regard to holding a show next year came up, and from the favorable comments heard we shall undoubtedly have an exhibit next year. Although our small show was a success, it was not as in former years, for the happy faces of Mr. Giesy, Harry Balsley, Mr. Bock and the Cincinnati delegation were missing.

Various Notes.

The Bertermann Floral Company held an opening at their store on Tuesday, November 14, and the society was invited, after the meeting, to inspect the display. The opinion of everyone present is that the window display and the decorations in the store and show house were grand.

Junge & Sonnenschmidt have somewhat Americanized their name and will hereafter be known as the Smith, Young Company, and it becomes them, as in their ideas they are always Americans.

Bert Stanley, formerly with the Fairbank summer resort, has opened a cut flower store at 941 Fort Wayne avenue. His many friends wish him success in his new venture.

E. Hukriede & Son have a sport from Modesto that gives promise of being a fine one. It is a very full flower, deep golden yellow, reflexed and is admired by all who have seen it.

FRED.

CHICAGO.

The Market.

Short supply, enormous demand, prices at top notch. That's the condition of affairs. The only items in fairly sufficient supply are chrysanthemums and paper white narcissus. It is the greatest shortage ever known for Thanksgiving. The rose orders were probably not more than 50 per cent. filled, carnations about 60 per cent. This is the condition that prevailed in the midst of the shipping demand.

Practically all the plants are off crop, but the outlook for the holidays is cheering, as the majority should be in crop again by that time.

Various Items.

Mr. A. G. Prince is rejoicing over the arrival of a baby boy at his home in Downer's Grove last Sunday.

Recent visitors: John N. May, Summit, N. J.; E. G. Hill, Richmond, Ind.

At the regular meeting of the Florists' Club to be held tomorrow (Friday) evening there will be a discussion on the benefits of exhibitions to the trade.

The boys have been too busy lately to indulge in bowling to any extent.

McKellar & Winterson are showing a very attractive line of glass vases.

BUFFALO.

Nothing daunted by the failure of last year's undertaking, for which the elements were largely responsible, Wm. Scott this season gave a private exhibition of the Queen of Autumn, which was little behind in quantity and fully equal in quality to the fine show of last year.

I was struck with the large number of made up pans, in which Ivory, Bonnaffon and Maude Dean were the leading kinds for this purpose. Another success is a house of mignonette and part of a house of Asparagus Sprengeri planted in boxes ranging crosswise of sufficient height to allow the strings to hang down and far enough apart to prevent crowding. Many other good things can be seen here.

Mrs. D. S. Newlands has cut a heavy crop of chrysanthemums, blooms of Lincoln measuring 8 inches across, not a rare thing here. L. Canning is one of the best reflexed kinds. Glory of the Pacific was the best pink. Black Hawk would be hard to beat.

W. J. Palmer & Son have kept up a bright and continuous exhibition. At time of my visit they had just completed a superb wreath of violets and informed me that funeral work has kept them very busy.

Adams, Anderson and Rebstock have all they can attend to at times, but business is spasmodic.

At the wedding of the second daughter of Mr. and Mrs. Mansfield, which interesting event took place at the home of the bride at Lockport on the 17th inst., the decorations were very elaborate, the handiwork of the lady members of the family. A bank and canopy of palms and chrysanthemums, center pieces of asparagus with Helen Bloodgood and The Queen. A mantel of ferns with a grand specimen of Cypripedium insigne Maulei as the centerpiece was most effective.

WASHINGTON.

Now that shows and mums are nearly gone the florists have got right down to business. What few mums that are left have gone up in price from \$1 and \$1.50 per doz. to \$3, and are going fast at that.

Roses and carnations are scarce and good roses bring 8 and 10 cents; carnations, 2 and 3; Romans and paper whites go slowly at 2 and 3; violets are coming in fine and bring 50 and 75 cents per 100.

From all indications trade for Thanksgiving will be fine.

There was quite a lot of fine funeral work made here and shipped to Paterson, N. J., for the funeral of Vice-President Hobart. J. H. Small & Son turned their order for the occasion to their New York store.

J. H. Granor was presented with a fine young florist in the way of a bouncing boy. F. H. KRAMER.

SAGINAW, MICH.—Fire did damage estimated at \$5,000 to the greenhouses of Wm. Roethke, Nov. 24. No insurance.

M. RICE & Co., are exclusive Importers and Manufacturers of Florists' Supplies

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Indivisa, in 2-inch pots,

\$3.00 per 100, \$25.00 per 1000.

Asparagus Plum. Nanus,

in 2-in. pots, \$4.00 per 100, \$35.00 per 1000

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Thirty-two grand mammoth varieties, including the new Capt. Dreyfus, Helen Gould, Melba and many others. This is the set that will make the money for the retail florist in the year 1900. Strong, 2-inch pot plants ready Nov. 10th, \$2 per 100; rooted cuttings, 60c per 100; \$5 per 1000.

NEW DBL. FRINGED PETUNIAS, Henderson's and Dreer's latest set, known the world over as the standard of perfection; strong rooted cuttings Nov. 10th, \$1 per 100; 2-inch pot plants, \$2 per 100.

SMILAX, extra strong, bushy seedlings, ready for potting or planting out, 50c per 100; \$4 per 1000. Any quantity. Cut Smilax, 6 feet strings, 12½c.

PRINCESS PAULINE AGERATUM, the great novelty of '98, the only one to grow; rooted cuttings now ready, \$1 per 100; strong, 2-inch pot plants, 50c per doz., \$2 per 100.

All rooted cuttings, extra strong, well rooted, true to name and delivered by mail or express, prepaid.

1000 BRIDESMAID ROSES, 2½ and 3-in. \$2.50 per 100 to close out. Cash with order.

300 FIELD CARNATIONS (mixed), from cool house, \$2.50 per 100. Our descriptive wholesale list now ready, send for it.

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is worked out in the best manner ready to be put up, and we furnish our customers such complete detail drawings that any workman of only ordinary capabilities can put it up correctly.

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3,000,000 VERBENAS

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PERFECTLY HEALTHY. FREE FROM RUST.

Rooted Cuttings 6c per 100, \$5.00 per 1000.

Plants \$2.50 per 100, \$20.00 per 1000.

Our list is the choice from millions of seedlings.

Send for list. **J. L. DILLON, Bloomsburg, Pa.**

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SOUTHERN WILD SMILAX.

Case No. 1, \$1.00. Case No. 3, \$3.00; Case No. 5, \$4.00
" No. 2, 2.00; " No. 4, 3.50; " No. 6, 4.50

Carefully selected stock. **full cases.**

Write for art catalogue, "Evergreens of the Southland," which every florist should have in his store to show customers. Illustrations of beautiful Southern Evergreens.

CALDWELL THE WOODSMAN CO., Inc.,

EVERGREEN, Alabama.

P. S.—The cow is dead—Smilax killed her.

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Florists' Review

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10c a piece, \$1 a doz., \$6 a 100. These clumps are large and full of young growth and are from prize winning stock, flowers produced from same taking first prize wherever shown, five first premiums in one season. Also a limited quantity of other good varieties, such as Lady Fitzwygram, Ivory, H. W. Rieman, Mrs. U. H. Peirce, Yanoma, Mrs. Murdoch, Golden Wedding, Vivand-Morel, Philadelphia, Mrs. Seuburger, Sunderbruch, etc. **GUNNAR TEILMANN, Marion, Ind.**

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CHRYSANTHEMUMS Good Plants from bench.

Ivory (white or pink), Simpson, W. H. Lincoln, Florence Pullman, Glory of Pacific, Modesto, Queen, Conover, Golden Wedding, Mme. Perrin, Robinson, J. J. Glessner, Mayflower, Yanoma, Vivand-Morel, 50c per doz.; \$2.50 per 100. Thorneden, \$1.00 per doz. Xeno (genuine), \$1.50 per doz. if ordered this week. **CASH.**

W. J. BARNES, 38th St. & Euclid Av., Kansas City, Mo.

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A good assortment of money makers.

2-inch, \$2.00 per 100; Rooted, \$1.00 per 100

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WHY?

Editor Florists' Review: Allow me to say a few words in connection with the remarks of "Western Florist."

That the florist trade does not more quickly get the benefits of improved business conditions is more the fault of the retailer than anything else. We cannot help noticing that some retailers having large, showy stores and all the advantages possible which should enable them to ask even fancy prices, adopt business methods which are not only discreditable to themselves but to the whole trade.

It seems to me a very poor practice to ask a prospective customer top price for certain goods and then sell it to the party at a much reduced rate before he leaves the store. Knowing as we do, that most buyers have no knowledge at all of the real value of flowers it naturally gives the impression that the florist had been attempting to take advantage of the customer. This same impression is created by giving flowers to everyone who calls in to ask prices. All such practices are detrimental to the best interests of that particular florist as well as those of the whole trade. There are many much better ways to gain popularity.

It is a serious mistake to hastily sell a funeral piece at too low a price "because my competitor would have gotten the order," and then be in a position where you cannot afford to give the customer satisfactory work.

We are all entitled to higher prices, but only legitimate business methods will bring them to us. As long as there are those who try to get the whole earth by cutting prices there is not much chance. This is a subject that every Florists' Club should thoroughly discuss, that some proper remedy may be devised.

Detroit, Mich. FRANK DANZER.

OBITUARY.**John Wood.**

On September 24th, Mr. John Wood, of Kirkstall, Leeds, England, died after an illness of a few hours, aged fifty-seven years.

To all readers of The Garden, London, his "Notes on Hardy Plants" were well known, and his influence was perhaps even more felt through his "Hardy Plant Club," formed for the distribution and exchange of hardy herbaceous and alpine plants.

These means not only introduced to amateurs new species suited to their collections of alpine plants, but gave valuable cultural information. Mr.

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Green Galax, New Crop Finest Bronze, Now Ready.

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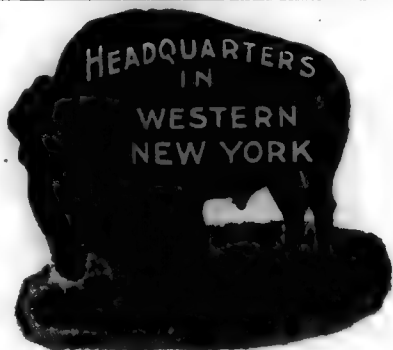
Wood had nearly reached middle life before he took up the culture of hardy plants, having, at the time of his death, been in this business about twenty-two years. He drifted into it late in life simply through the keen love he had for it and which has brought him more than average success.

During his life he acquired a great knowledge of alpine plants and their treatment. He has done a great work in creating and fostering a love for "wild plants," and had a notably fine collection of hardy American perennials.

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In 1000 lots, \$1 per M. Discount on larger orders.
Also dealer in Sphagnum Moss, Bouquet
Green, Christmas Trees, etc., etc.

L. B. BRAGUE, - Hinsdale, Mass.

Mention The Review when you write.

HYDRANGEAS

For the want of room to store, we offer the following Hydrangeas in good, shapely, field-grown plants, suitable for 6-inch pots, at special low prices:

Otaksa, 3 to 4 leads,	} \$2.00 per doz.
Otaksa Monstrosa, 3 to 4 leads,	
Thomas Hogg, 4 to 6 leads,	
	\$15.00 per 100
	\$125.00 per 1000

Violet LA FRANCE....

We have still a good supply of strong, field-grown plants of this the best of all single varieties, and to close out we offer strong clumps:

\$1.25 per doz.; \$10.00 per 100; \$90.00 per 1000.

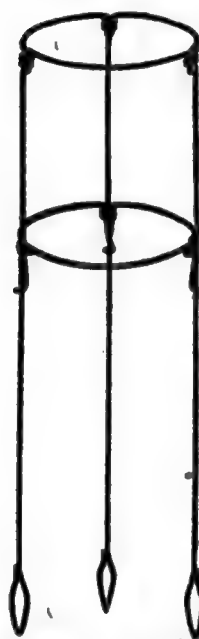
HENRY A. DREER,
714 Chestnut Street,
PHILADELPHIA.



La France Violet.

Mention The Review when you write.

The Model EXTENSION CARNATION SUPPORT.



Lancaster, Pa., June 17, 1899
MR. THERON PARKER,
Brooklyn, N. Y.

Dear Sir:—Your Model Carnation Support is all right in every way and will no doubt be considered as necessary as good plants with growers when better known. I consider it the best on the market, and if your other specialties are equally as good, they should make another addition to the money-makers of 1900.

Respectfully,
ALBERT M. HERR.

Flatbush, Brooklyn, N. Y.,
Feb 18, 1897

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Dear Sir:—Your wire stake is certainly a gem. Without hesitating we endorse it as an up-to-date Carnation Support.

Yours truly,
DAILLEDOUZE BROS.

W. Hoboken, N. J., Feb. 18, 1897.
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perfect as anybody will be able to make them. They certainly fill my bill for an ideal carnation support, a thing I have been looking for a long time. Wishing you every success in the sale of them, I am,
Yours truly, E. ASMUS.

Straight Galvanized Steel Rose Stakes

At Lowest Prices.
Write for Prices, Circulars and Special Discounts for early orders.

The Model Plant Stake Co.

THERON PARKER, Mgr., Inventor and Patentee.
226 North 9th Street, BROOKLYN, N. Y.
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PANDANUS VEITCHII

Vigorous Shapely Plants.

6i-n. pots, \$1.00 each. 7i-n. pots, \$1.50 each.
8i-n. pots, \$2.00 each.

Discounts on large orders.

JOHN WELSH YOUNG,

Upsal Station, Penna. R.R. Germantown, Pa.
Mention The Review when you write.

ESTABLISHED 1802

THORBURN'S SEEDS

CHINESE SACRED LILIES, Splendid Large Bulbs, \$1.00 per basket of 100.

Finest Lily of the Valley Pips, send for quotations.

Spiraea Japonica at \$3.00 per 100; \$27.00 per 1000. **Spiraea Japonica compacta multiflora** at \$1.00 per 100; \$8.00 per 1000.

Japan Lillium Longiflorum, 5 to 7 inches, at \$27.00 per 1000.

J. M. THORBURN & CO.

(Late of 15 John Street)

36 CORTLANDT STREET, NEW YORK

Mention The Review when you write.

Choice Plants for Autumn Sales.

JOHN H. LEY,

Good Hope, Washington, D. C.

Asparagus P. Nanus, 5-in. pots doz., \$3.00
Ferns, 30 new and choice sorts, 4-in. pots, 100, 10.00
10 choice sorts, 2-in. pots 4.00
Nephrolepis Washingtoniensis, the finest new Fern this year, 4-in. pots doz., 3.00
Adiantum Hybridum, new, elegant, 8-in., each 1.00
Cuneatum, extra large, 4-in. pots, 100, 10.00
Crotons, 12 finest sorts, colors fine, 4-in., doz., 1.00
Peperomia Arifolia and Argyreia, 3-in.,50
Selaginella Africana, fine blue and others, 3-in. pots doz., .50
Ferns, from flats, nice little plants for small pots, 10 sorts, 100 free by mail 1.25
Careful packing. Cash with order. Plants gratis.

Mention The Review when you write.

Jadoo Prize Winners:

Sweet Peas: Cohocton, N. Y.
Springfield, Mass.
Ligonier, Ind., and
Colorado Springs, Colo.

Chrysanthemums: Philadelphia,
Hartford, Conn.
and
Galveston, Tex.

Geraniums: Philadelphia.

Foliage and Flowering Plants:
Philadelphia.

Send for our catalog.

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817 Fairmount Ave.,
PHILADELPHIA, PA.

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Lettuce. Boston Market, Tennis Ball; Curled Simpson, Grand Rapids and other varieties, field grown, 15c per 100; \$1.00 per 1000. If by mail, add 10c per 100.

Parsley. Strong plants, \$1.50 per 1000. \$12.50 per 10,000.

Other Vegetable plants in season. Cash with order.

R. VINCENT, Jr. & SON, White Marsh, Md.

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SAMUEL S. PENNOCK, Wholesale Florist

{ Until further notice, will be open from }
{ 6:00 a. m., to 11.00 p. m. }

American Beauties and Valley Our Specialties. 1612-14-16-18 Ludlow St., Philadelphia, Pa.

Mention The Review when you write.

WHY?

Editor Florists' Review: Allow me to say a few words in connection with the remarks of "Western Florist."

That the florist trade does not more quickly get the benefits of improved business conditions is more the fault of the retailer than anything else. We cannot help noticing that some retailers having large, showy stores and all the advantages possible which should enable them to ask even fancy prices, adopt business methods which are not only discreditable to themselves but to the whole trade.

It seems to me a very poor practice to ask a prospective customer top price for certain goods and then sell it to the party at a much reduced rate before he leaves the store. Knowing as we do, that most buyers have no knowledge at all of the real value of flowers it naturally gives the impression that the florist had been attempting to take advantage of the customer. This same impression is created by giving flowers to everyone who calls in to ask prices. All such practices are detrimental to the best interests of that particular florist as well as those of the whole trade. There are many much better ways to gain popularity.

It is a serious mistake to hastily sell a funeral piece at too low a price "because my competitor would have gotten the order," and then be in a position where you cannot afford to give the customer satisfactory work.

We are all entitled to higher prices, but only legitimate business methods will bring them to us. As long as there are those who try to get the whole earth by cutting prices there is not much chance. This is a subject that every Florists' Club should thoroughly discuss, that some proper remedy may be devised.
Detroit, Mich. FRANK DANZER.

OBITUARY.

John Wood.

On September 24th, Mr. John Wood, of Kirkstall, Leeds, England, died after an illness of a few hours, aged fifty-seven years.

To all readers of The Garden, London, his "Notes on Hardy Plants" were well known, and his influence was perhaps even more felt through his "Hardy Plant Club," formed for the distribution and exchange of hardy herbaceous and alpine plants.

These means not only introduced to amateurs new species suited to their collections of alpine plants, but gave valuable cultural information. Mr.

PITTSBURG CUT FLOWER CO., Ltd. WHOLESALE FLORISTS.

Long Distance
Phone 2157.

CONSIGNMENTS SOLICITED.

No. 705 Penn Avenue,
PITTSBURG, PA.

FLORISTS' SUPPLIES.

Write for Price List.

Mention The Review when you write.

Asparagus Plumosus

Strings
10 feet long.
50 cents.

Nanus

Shipped
to any part
of the country.

W. H. ELLIOTT,
BRIGHTON, MASS.

Mention The Review when you write.

Green Galax, Finest Bronze,

New Crop
Now Ready.

From
Cold
Storage.

For Prices address the Introducer.

HARLAN P. KELSEY,

1106 Tremont Building, - - - BOSTON, MASS.

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Real Estate,

Land with or without Greenhouses
in different parts of the United States.

BARGAINS can be had and opportunities opened
for profit. Write for particulars and state
your requirements.

SMITH & SMITH,

345 Sixth Ave., PITTSBURG, PA.

Brokers in Real Estate,
Glass, Pipe, Boilers, etc.

Mention The Review when you write.

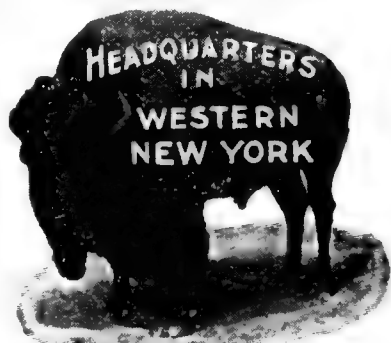
Wood had nearly reached middle life before he took up the culture of hardy plants, having, at the time of his death, been in this business about twenty-two years. He drifted into it late in life simply through the keen love he had for it and which has brought him more than average success.

During his life he acquired a great knowledge of alpine plants and their treatment. He has done a great work in creating and fostering a love for "wild plants," and had a notably fine collection of hardy American perennials.

Always mention the Florists' Review when writing advertisers.

GIVE US
A
TRIAL.
WE CAN
PLEASE
YOU.

Roses,
Carnations
and all
kinds of
Seasonable
Flowers
in stock.



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481 Washington St., BUFFALO, N. Y.
Also Dealer in Florists' Supplies and Wire
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WM. J. BAKER, WHOLESALE CUT FLOWERS,

1432 S. Penn. Square, PHILADELPHIA, PA.

Original Headquarters for CARNATIONS.

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Cut Flower Exchange,

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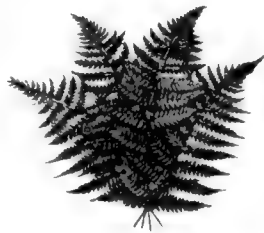
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Open Every Morning at 6 o'clock for the sale of
CUT FLOWERS.

Wall space for Advertising purposes to Rent.

J. DONALDSON, SECRETARY.

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FANCY



DAGGER

HARDY CUT FERNS

In 1000 lots, \$1 per M. Discount on larger orders.
Also dealer in Sphagnum Moss, Bouquet
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 DAILEDOUTE BROS.

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Japan Lilium Longiflorum, 5 to 7 inches, at \$27.00 per 1000.

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 Ferns, from flats, nice little plants for small pots, 10 sorts, 100 free by mail, 1.25
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Other Vegetable plants in season. Cash with order.

R. VINCENT, Jr. & SON, White Marsh, Md.

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E. H. HUNT

THE "OLD RELIABLE" FOR

**Wholesale
Cut Flowers**

Hunt's Flowers Go Everywhere.

76 Wabash Ave. CHICAGO.

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DELIVERING BY STREET CAR.

Last week I had a large church wedding to decorate for and had to use large palms extensively. I chartered two special cars to be at my place as near after midnight as the ordinary traffic was off the line. We had the cars loaded at 1 a. m. and were at the church, six miles distant, at 1:30; had everything unloaded and every one home before 2:30. We arranged the decorations during the day and at night the cars were at the church at the same time and we had everything unloaded at the greenhouses before 2 o'clock. There was not a single leaf broken nor any damage done to plants, although packed in very closely. Cars are fine things to pack large palms in, as so many can be packed in regardless of size or weight.

Detroit.

S. TAPLIN.

A NEW BEGONIA.

The plant judges of the Pennsylvania Horticultural Society, Geo. A. Strohle, Chester Davis and J. Wm. Colfesh, visited Chestnut Hill on Saturday, Nov. 18th, to see the pale pink sport from Gloire de Lorraine begonia at the greenhouses of Edwin Lonsdale.

They carefully examined the sport growing beside the older variety and awarded the society's silver medal to the new comer. The judges believe this begonia to be a sport from Gloire de Lorraine, and consider it healthier and more vigorous than its supposed parent. The blooms are larger and of a very pleasing shade of pink.

JOHN WELSH YOUNG.

EVANSVILLE, IND.

Nellie Goodge has moved into her new place at corner of Virginia street and Ross avenue, where she has purchased three acres of land and has erected two new houses 20x70 and a light and convenient front office. She expects to add three more houses early next year.

KALAMAZOO, MICH.—W. C. Cook, formerly with the Dunkley Floral Co., has opened the "Chicago Floral Store," with Briggs & Ulrich, in the Chase block.

McKELLAR & WINTERSON,**Wholesale Florists,****45-47-49 Wabash Avenue.****CHICAGO.**

OUR SPECIALTIES

We have the
LARGEST WHOLESALE
House in Chicago.

**Orchids, High-Grade Roses,
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Full Line FLORISTS' SUPPLIES, Seeds, Bulbs, Hardy Stock.

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Bassett & Washburn**76 Wabash Ave., CHICAGO, ILL.****Wholesale Growers of and Dealers in CUT FLOWERS**

Greenhouses at Hinsdale, Ill.

Mention The Review when you write.

W. E. LYNCH**Wholesale Florist,****19-21 E. Randolph St. CHICAGO.**

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A. L. RANDALLTelephone
1498**Wholesale Florist****4 Washington St., Chicago.**

In our new and enlarged quarters we are better
prepared than ever to handle your orders.

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WHOLESALE GROWER OF ROSES. DEALER IN CUT FLOWERS.**J. A. BUDLONG,****37-39 Randolph St., CHICAGO, ILL.**

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Maplewood Cut Flower and Plant Co. GEO. M. KELLOGG, Pres.

Growers of CUT FLOWERS at Wholesale.

Regular shipping orders given special attention. We
have the largest plant west of Chicago.

Store: **906 Grand Ave., KANSAS CITY, MO.**
Greenhouses; Pleasant Hill, Mo.

Mention The Review when you write.

KUHL, PEKIN, ILL.

Now Ready to Fill Orders for

**Roses, Carnations, Mums, Smilax,
Ferns and Asparagus.** Write him.

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WIETOR BROS.Wholesale
Growers of**Cut Flowers.**

All telegraph and telephone orders
given prompt attention.

51 Wabash Avenue, CHICAGO.

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C. A. KUEHN WHOLESALE FLORIST

Cut Flowers and Florists' Supplies.

Manufacturer of the Patent Wire Clamp Floral
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FLORIST,****1322 Pine Street,
ST. LOUIS, MO.**

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ELLISON & TESSON,

WHOLESALE SHIPPING

FLORISTS**3134 Olive Street, ST. LOUIS, MO**

...Home Grown Stock...

Mention the Review when you write.

**Cincinnati
Cut Flower Co.****416 Walnut St. Wholesale Florists
CINCINNATI, O.**W. A. MANN.
FRANK W. BALL

Consignments Solicited.
Special Attention Given to Shipping Orders.

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WE WOULD LIKE very much to have a complete and accurate list of the names and addresses of the florists of America and to this end will ask each subscriber to kindly send us an accurate list of those in the trade in his or her city or town. By complying with this request you will confer a great favor on the publishers.

KENNICOTT BROS. CO.

42 and 44 E. Randolph Street, CHICAGO, ILL.



51 Wabash Ave., Chicago.

W. S. HEFFRON, Mgr.

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REINBERG BROS.

Wholesale Growers of. **CUT FLOWERS.**

800,000 feet of Glass.

Headquarters for fine AMERICAN BEAUTIES.

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F. F. BENTHEY, Mgr.

WHOLESALE AND COMMISSION Florists. Consignments Solicited.

41 Randolph St. CHICAGO.

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CHRISTMAS GREENS.

Laurel Wreathing, 5c yd.; Ground Pine Wreaths, with immortal flowers worked in, \$1.50 a dozen; Holly Wreaths, \$1.50 doz.; Ground Pine or Bouquet Green Wreathing, 5c yd.; Evergreen Wreathing, 4c yd.; Laurel Wreaths, 10c each; also Mistletoe, Hardy Ferns, Palm Leaves, Wild Smilax, low, 10 per cent discount on all orders received before Dec. 1st. My Greens are A No. 1.

J. A. KEENEY, Monongahela City, Pa.

Will make up any kinds of Greens to suit you.

Mention The Review when you write.

Eglantine.

THE TRUE FRAGRANT SWEET BRIAR.

1,00	Rosa Rubiginosa,	4 to 5 feet,	per 100,	\$3.00
1,00	"	2 to 3 "	"	3.00
1,000	"	1 to 2 "	"	2.00
10,000	Berberis Thunbergii,	per 100,	\$3.00 to	7.00

T. R. WATSON, Plymouth, Mass.

Mention The Review when you write.

CINERARIAS and CYCLAMEN.

Cinerarias for Christmas blooming, 2½-in., \$2.00 per 100; 3-in., \$3.00 per 100; large plants in 4-in. pots \$1.00 a doz. Cyclamen Giganteum and Persicum, 3-in., \$5.00 per 100. S. WHITTON, UTICA, N. Y.

Mention The Review when you write.

40,000 'MUMS....

Between Oct. 10 and Christmas we shall market the entire cut of one of the largest growers about Chicago, 40,000 first-class flowers, A1 in every respect.

....THE VARIETIES....

PINK—Glory of Pacific, Maud Dean, Mrs. E. G. Hill.

YELLOW—Yellow Queen, Major Bonnaillon, Golden Wedding.

WHITE—Fee du Champaur, Mrs. Jerome Jones, Frank Hardy, W. H. Chadwick, Wanamaker, Mayflower, Ivory.

We are exclusively ROSE GROWERS and can supply the best qualities, including American Beauty, at all times.

We are also in a position to fill orders for the most popular varieties of CARNATIONS.

All orders shipped at market prices within two hours of receipt.

J. A. BUDLONG, 37-39 Randolph Street, Chicago.

Mention The Review when you write.

Delaware Holly of the Best Grade,

from the Swamps, with Bright Green Foliage and well Berried.

Orders will now be received for shipments which will go forward Freshly Packed at the proper time. For prices and terms, address.....

MILFORD NURSERIES....

ALEX. PULLEN, Milford, Del.

Mention The Review when you write.

Orchids.

Just arrived, in fine condition. *Ontleya Mendell* and *Laella Jongheana*, also *C. labiata*, *C. Speciosissima*, *C. Gaskelliana* and *C. Harris-onia*.

CHERRY WOOD BASKETS, FRESH MOSS AND PEAT.

Lager & Hurrell, Growers and Importers.... Summit, N. J.

Mention The Review when you write.

CANADIAN EXCURSIONS via WABASH LINE

On Dec. 14, 15, 16 and 17, the Wabash will sell holiday excursion tickets from Chicago to Canadian points at one lowest first-class fare for the round trip. The tickets will be good returning until Jan. 6, 1900. Wagner sleepers, palace day coaches and free reclining chair cars. Write for maps, time cards, rates and full information. F. A. Palmer, A. G. P. A., Wabash Ticket Office, 97 Adams St., Chicago.

PRIMROSES.

Chinese, single mix, ready for 3-inch pots, \$1.25 Per 100. Obconica grandiflora, " 1.25

PANSY PLANTS

none better, \$2.50 per 1000. 50c per 100.

Cash with order.

JOS. H. CUNNINGHAM, Delaware, Ohio.

Mention The Review when you write.

PANSIES... WORTH RAISING

Good Plants by express, \$2.50 per 500; \$4.00 per 1000. Seed as usual.

C. SOLTAU & CO., 199 Grant Avenue, JERSEY CITY, N. J.

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The Grand
New Rose**LIBERTY**

Stock, send your order at once to the undersigned, or his agents, mentioned below.
Queen of Flowers to come and see LIBERTY growing.

AGENTS: { J. O. VAUGHAN, Chicago, Ill. J. N. MAY, Summit, N. J.
F. R. PIERSON CO., Tarrytown, N. Y.

E. G. ASMUS, West Hoboken, N. J.

Mention The Review when you write.

FLATBUSH BOWLING.

Oh, no matter what you do—
Eugene, Alfred, Dave, or Lou—
Your strikes and spares don't count a jot;
Sure, Riley wins the pot.

That he did at the four games
played last Thursday night, and
though at times it looked as if others
would have a chance, Riley always
won out. The scores were:

	Official.	Unofficial.	
E. Dailledouze	163	168	...
P. Dailledouze	138	132	...
C. Vocker	129	118	117 83
L. Schmutz	141	162	164 104
C. Woerner	122	103	...
P. Riley	168	226	179 177
H. Dailledouze	92	91	...
S. Butterfield	117	87	...
A. Weising	101	77	104 83
W. Rennie	86	102	100 117
J. Donlan	145	98	122 120

J. I. DONLAN.

DENVER, COLO.

The following is the score made by
the members of the Denver Florists'
Bowling Club at the alleys, Tuesday,
Nov. 21. Bob Kurth intends to win
first prize, so does John Berry:

	1st.	2d.	3d.	Av.
Robert Kurth	225	192	165	194
John Berry	139	174	218	177
A. E. Mauff	178	161	193	174
Charles Thiess	162	157	191	170
Charles Franz	191	170	148	170
Charles Mauff	187	142	160	163
A. M. Lewis	161	124	199	162
George Brenkert	156	191	135	161
Ed. Emerich	217	132	122	157
J. A. Valentine	...	...	153	153
Ernest Flohr	151	148	158	152
John Ferriss	149	116	165	148
Don Scott	110	184	...	147
J. N. Jakobson	152	155	124	144
Charles Webb	105	151	163	140
Perry Gallup	196	97	110	134
A. A. Benson	117	136	135	129
George Zimmer	127	137	120	128
Oliver Wheatley	67	103	76	82

E. C. F.

ORANGE, N. J.

The regular monthly meeting of the
New Jersey Floricultural Society will
be held in Lindsley's hall, 240 Main
street, Wednesday, Dec. 6, at 8 p. m.
The subject for discussion is "Ancient
and Modern Floral Art," and it will
be introduced by Mr. James I. Donlan,
of New York City. The annual elec-
tion of officers also takes place at this
meeting.

WE SEE by a report in the Buffalo
Review that Mr. William Scott finds
time for the duties of a good citizen
in addition to all his other cares. He
is president of the Central Council of
the Business Men's Association and on
the 20th inst. acted as toastmaster at
a banquet at which a hundred and
fifty leading citizens were present, in-
cluding the mayor, postmaster and
many prominent business men. An en-
tirely new system of municipal gov-
ernment was advocated for Buffalo.

Won Highest Honors Wherever Shown. The Finest Crimson Forcing Rose of the Century.

Own Rooted Stock in 2-1/2 in. Pots—12 plants, 60c ea.; 25 plants, 80c ea.; 50 plants, 100c ea.; 100 plants, 150c ea.; 1000 plants, 20c ea.
Grafted Plants in 2-1/2 in. Pots—12 plants, 75c ea.; 25 plants, 80c ea.; 50 plants, 100c ea.; 100 plants, 150c ea.; 1000 plants, 35c ea.
Satisfactory reference or deposit from all unknown correspondents. To be sure of getting the Best Crimson Forcing Rose of the century, and A1

I hereby extend a cordial invitation to all lovers of the

DEWEY →**HAVE WHAT YOU WANT....**
IN THIS LIST?

If not, write us for prices on what you need.

ROOTED CUTTINGS.

GERANIUMS —Assorted	\$1.50 per 100
Mixed	1.25 "
Mars, Happy Thought	3.00 "
Mrs. Pollock	2.00 "
Mrs. Parker, Dble. Pink	4.00 "
Silver Leaf	1.50 "
Silver Leaf, Rose Scent-	1.25 "
ed	4.00 "
Mme. Sallerioi	1.50 "
Freak of Nature	1.50 "
MISCELLANEOUS —Fuchsia, 4 kinds	1.50 "
Fuchsia, Trailing Queen	1.50 "

MISCELLANEOUS.	Per 100
Alternanthera (Summer Struck)	\$1.00
Manettia (bicolor)	2.00
Vinca	1.50
Salvia	1.25
Heliotrope	1.25
Begonia Erfordii	2.00
" Rex	2.00
" Incarnata Gigantea	2.00
" Flowering	2.00
Impatiens Sultani	2.00
Forget-Me-Not (Winter Flowering)	2.00

POT PLANTS.

GERANIUMS —Bronze and Silver Leaf, 3-1/2 in.	\$8.00
Sweet Scented, Mrs. Pollock,	4.00
2-1/2 in.	6.00
Mrs. Parker	4.00
Happy Thought, 2-1/2 in.	4.00
Silver Leaf, 2-1/2 in.	4.00
BEGONIAS —Rex, assorted, 2-1/2 in.	4.00
" named	6.00
Inc. Gigantea, 4-inch, ready for	15.00
6-inch pots	6.00
Inc. Gigantea, 2-1/2 in., ready for	4.00 to
4-inch pots	8.00
Double White Stock, 3-inch	8.00

Terms Cash or U. O. D.

Forget-Me-Not (Winter Flowering), 2-1/2 in.	4.00
Lemon Verbena	\$3.00, \$4.00 and
Primroses (in bud) 2-1/2 in.	8.00
Primroses, 2-inch	2.00
Hydrangea Pink, 3-inch	6.00
Anthericum, 3-inch	6.00
Dracaena Ind. (in flats)	5.00
Vinca, 8-inch	4.00
Mignonette, 2-inch	2.00
Impatiens Sultani, 2-1/2 in.	3.00
Manettia bicolor, 2-1/2 in.	4.00
Farquhar Violets, 2-1/2 in.	3.00
Fragrant Calla, 2-1/2 in.	\$1.50 per doz.
Fragrant Calla, 4-inch	8.00

GREENE & UNDERHILL, - - WATERTOWN, N. Y.

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THE FINEST COLLECTION IN AMERICA.

A Sett of Selected Double Bedders.

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A Sett of Selected Fancy Doubles.

A Sett of Selected Mammoth Fancy Singles.

A Striking Sett of Ivy Leaved Varieties.

A Full Line of the Introductions of 1899 in all the above sections.

A Full Line of Selected Standard Bedders.

If you wish to be with the leaders in bedding plants order your stock from

C. W. WARD, Manager.

THE COTTAGE GARDENS, Queens, L. I., N. Y.

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Delaware Holly Wreaths of the Best Grade....
with Bright Green Follage and plenty of Berries.

Orders will now be received for shipments which will go forward fresh goods at the proper time.
Samples can be shipped when wanted. For prices and terms, address

J. W. C. PULLEN, MILFORD, Delaware.

Mention The Review when you write.

GALAX LEAVES.**Chas. H. Ricksecker, Linville, N. C.**

Mention the Review when you write.

EVERY FLORIST
OUGHT TO INSURE
HIS GLASS AGAINST

HAIL

FOR PARTICULARS ADDRESS

JOHN G. ESLER, Sec'y. SADDLE RIVER, N. J.

CLASSIFIED PLANT ADVERTISEMENTS.

Rate for advertisements under this head, 10 cents a line net, per insertion. New ads. and changes must reach us by Wednesday morning at latest to secure proper classification in issue of Thursday.

ACACIA.

Acacia Paradoxa, well budded, 50c, 75c and \$1.00 each.
Bobbink & Atkins, Rutherford, N. J.

ACALYPHA.

Acalypha Sanderi, fine 2½-in. plants, \$3.00 per 100.
The Conard & Jones Co., West Grove, Pa.

AGERATUM.

Princess Pauline ageratum, the great novelty of '98, the only one to grow. Rooted cuttings now ready, \$1.00 per 100. Strong 2-in. pot plants, 50c per doz.; \$2.00 per 100.
South Side Floral Co., Springfield, Ill.

Ageratum, rooted cuttings, 50c per 100.
F. R. Thornton, Macomb, Ill.

ALTERNANTHERA.

In 4 colors, large leaved varieties, 2½-in., full of cuttings, \$2.00 per 100; \$18.00 per 1000. 2½-in., \$1.50 per 100; \$12.50 per 1000. Unrooted cuttings, 4 varieties, 25c per 100; \$2.00 per 1000; \$8.00 per 5000; \$15.00 per 10,000.
Morris Floral Co., Morris, Ill.

Alternanthera, rooted cuttings, summer struck, \$1.00 per 100.
Greene & Underhill, Watertown, N. Y.

Red and yellow, rooted, per 100, 50c; per 1000, \$4.00. E. L. Rawlings, Quakertown, Pa.

ANTHERICUM.

Anthericum, 3-in., \$6.00 per 100.
Greene & Underhill, Watertown, N. Y.

ASPARAGUS.

Asparagus plumosus nanus, 2-inch pots, 50 cents per doz.; \$4.00 per 100. Same in 3-inch pots, \$1.00 per doz.; \$8.00 per 100. Asparagus Sprenger, 2-inch, 50 cents per doz.; \$4.00 per 100.
Geo. Wittbold, 1706 N. Halsted St., Chicago.

Asparagus plumosus nanus, 2-in., \$4.00 per 100; \$35.00 per 1000. 4-in., \$15.00; 6-in., \$20.00 per 100. Florists' Supply Co., No. Tonawanda, N. Y.

A. Sprenger (very fine), 2½-in. pots, per doz., 50 cts; per 100, \$3.00; per 1000, \$25.00. Seawanhaka Greenhouses, Oyster Bay, N. Y.

Surplus A. Sprenger, good plants, ready to shift, 400 3-inch, \$5.00 per 100; 200 4-inch, \$8.00 per 100. Cash. A. Fries, Bethlehem, Pa.

Asparagus Sprenger, fine large plants, in 5-in. pots, \$3.50 per doz.; \$25.00 per 100.
E. C. McFadden, Short Hills, N. J.

6-ft. strings, 35c each; 8 to 12-ft. strings, 45c each. Cash. H. M. Altick, Dayton, O.

Asparagus plumosus, all sizes.
A. S. MacBean, Lakewood, N. J.

A. plumosus nanus, 5-in., \$3.00 per doz.
John H. Ley, Good Hope, D. C.

A. Sprenger, 3-inch, 60c per dozen. Cash.
Wm. Keir, Pikesville, Md.

AZALEAS.

Azalea Indica in the best market varieties, 10 to 12 inches in diameter, \$35.00 per 100; 12-inch diameter and up, \$40.00 per 100. Rhododendrons, extra fine for forcing, small plants, \$35.00 per 100; large plants, \$60.00 per 100. Snowballs for forcing, \$35.00 per 100. Lilacs, Charles X and Marie Legraye, \$45.00 per 100. Prices on all other plants cheerfully given.
F. W. O. Schmitz, Jersey City, N. J.

BEGONIAS.

Gloire de Lorraine, the grandest novelty of the day and one of the best selling plants for florists ever offered. Blooms continuously, autumn, winter and spring. Fine, strong plants from 3¼-in. pots, per doz., \$4.75; per 100, \$35.00. Flowering plants, from 2¼-in. pots, per doz., \$2.35; per 100, \$17.50. R. & J. Farquhar & Co., 18 So. Market St., Boston, Mass.

Begonia Rex, assorted, 2¼-in., \$4.00; named, \$6.00. Incarnata gigantea, 4-in., ready for 6-in., \$15.00; 2½-in., ready for 4-in., \$4.00 to \$6.00 per 100. Rooted cuttings, Erfordil, Rex, Incarnata gigantea, Flowering, \$2.00 per 100.
Greene & Underhill, Watertown, N. Y.

Begonia Semperflorens Gigantea, 6-in. pots, \$2.50 per doz.; 4-in. pots, Pres. Carnot and other varieties, \$1.20 per doz. Cash.
G. Aschmann, 1012 Ontario St., Phila., Pa.

Rooted cuttings, best flowering varieties, \$1.25 per 100; \$10.00 per 1000. O. F. Searles, L. B. 1686, Nashua, N. H.

Begonia Rex, per 100, 5-in. pans, \$10.00.
N. Smith & Son, Adrian, Mich.

Choice varieties, named, 2¼-in., \$1.50 per 100.
Morris Floral Co., Morris, Ill.

BERRIED PLANTS.

Ardisia Crenulata. In fruit, just coloring, and fine for holiday trade, 5 and 6-inch pots, 50c and 60c each. Nice young stock, in 2-inch pots, \$3.50 per 100. Careful packing and good value given. Cash, please.
R. G. Hanford, Norwalk, Conn.

BOUGAINVILLEAS.

Bougainvillea Sanderiana, strong, from 3-inch pots, 24-30 inches, \$8.00 per 100.
P. J. Berckmans Company, Augusta, Ga.

BULBS.

Chinese Sacred Lilies, splendid large bulbs, \$4.00 per basket of 100. Finest Lily of the Valley pips. Send for quotations. Japan Lillium Longiflorum, 5 to 7 in., \$27.00 per 1,000. Spirea Japonica, \$3.00 per 100; \$27.00 per 1,000; Spirea Japonica com. multi., \$4.00 per 100; \$38.00 per 1,000. J. M. Thorburn & Co., 36 Cortlandt St., New York.

Narcissus Paper White grandiflora, extra, \$6.75 per 100. Dutch Hyacinths, first size, to name, \$65.00 per 1000; first size, to color, \$40.00 per 1000. Miniature Dutch Hyacinths, to name, \$20.00 per 1000. Narcissus Von Sion, mammoth, \$18.00 per 1000. Prices on all other bulbs cheerfully given.
F. W. O. Schmitz, Jersey City, N. J.

Surplus stock. White Roman Hyacinths, 11-12 ctm., per 100, \$1.25; per 1,000, \$11.00. Italian, shaded white, 12-16 ctm., per 100, \$1.75; per 1,000, \$16.00. Paper White Narcissus Grandiflora, A1, per 100, \$1.00; per 1,000, \$7.00. Cash with order.
Hulsebosch Bros., Englewood, N. J.

Surplus stock of 5,000 sound Calla Roots, in splendid condition. Will sell at following low price until sold: ¾ to 1¼ inches diameter, per 100, \$2.50; per 1,000, \$20.00. Delivered, express charges prepaid to any United States address.
Germain Fruit Co. (Seed Department), Los Angeles, Cal.

Freesia alba, ¾-inch diameter and up, \$3.00 per 1000; ½-inch and up, \$5.00 per 1000. Small bulbs. I guarantee all to bloom, as I have tried them. C. Ammann, 7th Ave. & 120th St., New York City.

Russian Valley, per 100, \$2.00; per 1,000, \$15.00; per case of 2,500 pips, \$30.00. Hamburg and Berlin pips, \$10.00 per 1,000; per case, 2,500 pips, \$22.50. Stumps & Walter Co., 50 Barclay St., New York.

Lil. longiflorum, 5-7, 100, \$2.50; 8-8, 100, \$4.00; 7-9, 100, \$6.50; 9-10, 100, \$11.00. Auratum, Rubrum, Album, etc. Send for list. H. H. Berger & Co., 47 Barclay St., New York.

Excelsior Pearl Tuberose Bulbs and Caladium Esculentum Bulbs for Dec. and Jan. delivery. J. F. Croom & Bro., Magnolia, N. C.

Cold storage Lily of the Valley pips, \$12.50 per 1,000; \$30.00 per case. W. W. Rawson & Co., 12 Faneuil Hall Sq., Boston, Mass.

Best mixed Hyacinths, under color, \$4.00 per 100. Japan longiflorum, 7-9, \$7.50 per 100.
Brown & Canfield, Springfield, Ill.

Bulbs and Plants for Fall and Spring delivery. C. H. Joosten, Importer, 35 Dey St., N. Y.

Home grown Tenuifolium lily bulbs, \$7.00 per 100.
F. H. Burdett, Clifton, N. Y.

Dutch Bulbs in any quantity.
Bobbink & Atkins, Rutherford, N. J.

CALADIUMS.

Caladiums, fancy named sorts, large, dry bulbs, ready by November, \$10.00 per 100.
P. J. Berckmans Company, Augusta, Ga.

CANNAS.

16 varieties, mixed, single eyes, \$1.00 per 100; \$5.00 per 1000. Morris Floral Co., Morris, Ill.

CARNATIONS.

Orders booked now in order of receipt for rooted cuttings of the famous Mrs. Thomas W. Lawson, the \$30,000 Queen of Carnations, for spring delivery, commencing Feb. 1, 1900. Prices to the trade only: Per dozen, \$3.00; per 100, \$14.00; per 1000, \$120.00; per 5000, \$500.00; per 10,000, \$800.00. Terms strictly cash or C. O. D. from unknown parties. Address all orders and make all remittances payable to Thos. F. Galvin, 124 Tremont St., Boston, Mass.

Rooted cuttings of the following varieties now ready. Per 100: G. H. Crane, \$6.00; Glacier, \$4.00; Argyle, \$2.00; Empress and Bon Ton, \$1.50; Maud Adams, \$4.00; Daybreak and Morello, \$1.50 per 100. We are booking orders for 1800 varieties and all other good ones for future delivery.
Morris Floral Co., Morris, Ill.

America, \$5 per 100; \$40 per 1000. Rooted cuttings, spring delivery. Place your order at once and get early struck cuttings. Also a full list of commercial varieties of carnations. Wm. Murphy, Sta. F., Cincinnati, O. Carnation Specialist.

Support your Carnations with the Model Extension Carnation Support, now regarded as the standard support, and by far the best yet offered. The Model Plant Stake Co., 226 No. 9th St., Brooklyn, N. Y.

Carnation plants all sold except 3000 Daybreak, 400 Meteors and 300 Triumph, which I will sell for \$4.00 per 100, or \$30.00 per 1000, cash. These are all first size plants and clean.
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Thrifty field carnations with plenty of roots. Send for prices. All the new and leading varieties.
Geo. Hancock & Son, Grand Haven, Mich.

Orders now booked for carnation cuttings for all fancy varieties. All cuttings guaranteed A1. Chicago Carnation Co. Greenhouses and address, Joliet, Ill.

Headquarters for all new and standard varieties. If you want anything write us; information cheerfully given.
H. Weber & Sons, Oakland, Md.

Carnations at \$3.00 per 100, cash, until sold. All first plants. F. Hill, Dana, Portia, Eldorado, McGowan, Scott and Cartledge.
D. R. Herron, Olean, N. Y.

PLEASE MENTION THE REVIEW WHEN WRITING ANY OF THESE ADVERTISERS.

CLASSIFIED PLANT ADVERTISEMENTS—CONTINUED.

Ethel Crocker. Absolutely the best carnation ever offered the trade. \$10.00 per 100; \$75.00 per 1000. 250 for \$18.75; 25 for \$2.50.
A. M. Herr, Lancaster, Pa.

Fisher, rooted cuttings, \$1.25 per 100; \$10.00 per 1000. O. F. Searles, L. B. 1686, Nashua, N. H.

300 field carnations from cool house (mixed), \$2.50 per 100.
South Side Floral Co., Springfield, Ill.

Few hundred mixed carnation plants. Strong healthy stock, \$2.00 per 100.
L. F. Gow, Newton, Bucks Co., Pa.

Best new and standard varieties. Write for catalogue and prices.
W. P. Peacock, Atco, N. J.

Strong, well rooted cuttings of Mrs. Fisher, \$1.25 per 100; \$10.00 per 1000. Cash.
R. J. Gardner, Bayside, N. Y.

New and standard varieties of Carnations.
F. Dorner & Sons Co., Lafayette, Ind.

CHRYSANTHEMUMS.

Good plants from bench. Ivory (white or pink), Lincoln, Glory of Pacific, Queen, Golden Wedding, Robinson, Mayflower, Morel, Pullman, Modesto, Conover, Perrin, Glassner, Yanoma, 50c per doz.; \$2.50 per 100. Thorndon, \$1.00 per doz. Xeno (genuine), \$1.50 per doz. If ordered this week. Cash. W. J. Barnes, 38th and Euclid Ave., Kansas City, Mo.

Major Bonnaffon stock plants, 10c each, \$1.00 per doz., or \$6.00 per 100. Clumps are large, full of young growth and are from prize winning stock. Also a limited quantity of other good varieties, such as Fitzwygram, Ivory, Rieman, Peirce, Yanoma, Murdock, etc.
Gunnar Teilmann, Marion, Ind.

Stock plants at 10 cts each or \$1.00 per doz. of the following varieties: Morel, Mrs. Egan, Kentucky, Mrs. Robinson, Pennsylvania, Mrs. Thompson, Mutual Friend, Mrs. Weeks, Mayflower, F. Hardy, Golden Gate, Mrs. C. H. Peirce, Bonnaffon. Address Carl E. Taube, Mercer Floral Co., Trenton, N. J.

Stock plants from bench. Bergmann, Ivory, Pacific, Fitzwygram, Vivand-Morel, Bassett, Robinson, Jones, Bonnaffon, Wedding, etc., 5c each, packed light. Order early. Cash.
The Cottage Greenhouses, Litchfield, Ill.

Stock plants of Polly Rose (pure white) Glory of the Pacific, the best early white on the market. Certificated. \$1.00 per doz.; \$7.00 per 100. A. J. Vreeland, 200 West Side Ave., Jersey City, N. J.

Strong stock, ready now, at 50 cts per 12; \$3.50 per 100. Bergman, Pacific, Whildin, Belle of Castlewood, Bonnaffon, Erminilda, Jones. Cash.

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Stock plants of the leading new and standard sorts. Write for prices.
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All the leading standard sorts and novelties. List on application.
N. Smith & Son, Adrian, Mich.

Stock plants, leading varieties, 5c each. Send list of wants.
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1,000 Dwarf Cinerarias, Dreer's strain, from 3-inch pots, very fine, ready for 4 to 5-inch pots, at \$3.00 per 100. Will exchange for some good geranium. Satisfaction guaranteed; low express rates. J. S. Bloom, Riegelsville, Pa.

Benery's Cannell's and Sutton's prize strains, 2½-in., \$2.00 per 100; 3-in., \$3.00 per 100. Shellroad Greenhouse Co., Grange, P. O., Baltimore, Md.

For Christmas blooming, 2½-in., \$2.00 per 100; 3-in., \$3.00 per 100; large plants in 4-in., \$1.00 per doz.
S. Whitton, 15 Gray Ave., Utica, N. Y.

COLEUS.

20 new ones. Doctors Nelson, Anderson, Erickson, Peterson, Stevenson, Osmanson, Emerson, Olson, Johnson, Matterson, Carlson, Wilson, Thomson, Davidson, Siverson, Williamson, Jackson and Knutson, all in 2½-in. pots. The 20 Doctors for \$1.00; \$4.00 per 100. Also 20 of the best standard bedders, named, 2½-in., \$1.50 per 100; \$10.00 per 1000. Rooted cuttings, 40 varieties, 50c per 100; unrooted, 60 varieties, 25c per 100.
Morris Floral Co., Morris, Ill.

Coleus, rooted cuttings, 50c per 100.
F. R. Thornton, Macomb, Ill.

CROTONS.

C. picturatum and C. chrysophyllum, 10 to 15 inches high, in 3-in. pots, 75c per doz.; \$5.00 per 100. Reasoner Bros., Oneco, Florida.

12 finest sorts, color fine, 4-in., \$1.00 per doz.
John H. Ley, Good Hope, D. C.

CYCLAMEN.

Cyclamen, select, 3-inch, \$12.00 per 100; 4-inch, \$15.00 per 100; 5-inch, \$25.00; extra select, 5-in., ready for 6-inch, \$4.00 per dozen; 6-inch, \$6.00 per dozen; 7-inch, specimens, \$12.00 per dozen.

McKellar & Winterson, 45, 47, 49 Wabash Ave., Chicago.

Cyclamen persicum giganteum. Splendid stock of plants, assorted colors, 3-in., ready for 4-in., \$1.00 per doz.; \$7.00 per 100. Only a few hundred left.

E. C. McFadden, Short Hills, N. J.

1000 Cyclamen in 6 and 7-inch pots, as fine as the best, just right for Christmas, \$6 and \$9 per doz. Cash. Geo. A. Rackham, 880 Van Dyke Ave., Detroit, Mich.

Cyclamen giganteum, strong plants coming in bud. Mixed colors, ready for 4-inch, \$4.00 per 100. Cash. J. W. Miller, Hatton, Pa.

Cyclamens, giganteum and persicum, 3-in., \$5.00 per 100.
S. Whitton, 15 Gray Ave., Utica, N. Y.

CYPERUS.

Cyperus (Umbrella Plant), 4-in., large bushy, without pots, \$5.00 per 100. Cash. G. Aschmann, 1012 Ontario St., Phila., Pa.

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Dahlias by the tens of thousands. Get my catalogue before ordering elsewhere.
W. W. Wilmore, Box 382, Denver, Colo.

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Snowball and Longfellow, 50c per 100; \$3.00 per 1000. Byer Bros., Chambersburg, Pa.

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DECORATIVE MATERIAL.

Our pack of new crop California Pampas Plumes are now being cased. The quality is excellent. Early orders solicited. First size, 24½-35 inches and over (3,500 to a case), per 1,000, \$12.50; second size, 18-24 inches (6,000 to a case), per 1,000, \$7.50. F. O. B. Los Angeles. In lots of less than one case the price is 20 per cent additional. Terms net cash, sight draft with bill of lading. The cases are one marine ton, 40 cubic feet, weighing, first size about 400 lbs., and second size 350 lbs. per case.
German Fruit Co. (Seed Department), Los Angeles, Cal.

Long Needle Pines, 2 to 4 feet long, \$4.00 per 100. Orders filled same day as received. Wild Smilax, in 50-lb. cases, \$1.75 per case. Selected stock, well packed to keep green, \$5.00 per 1,000. Palmetto Leaves, for prepared palm purposes. Raw and dried, or cured and pressed ones, only needing painting.

Florida Natural Products Co., Orlando, Fla.

Laurel wreathing, 5c per yd. Ground Pine wreaths, with immortelle flowers worked in \$1.50 per doz. Bouquet green wreathing, 5c per yd. Evergreen wreathing, 4c per yd. Laurel wreaths, 10c. Also mistletoe, hardy ferns, palm leaves, wild smilax. My greens are A1. J. A. Keeney, Monongahela City, Pa.

Delaware holly wreaths of the best grade. Bright green foliage and plenty of berries. Orders booked now for shipments which will go forward at the proper time. None but strictly fresh goods sent out. Samples supplied when wanted. For prices and terms address J. W. C. Pullen, Milford, Del.

Hunt's Holly, always highest grade, always right in price, always on time, always satisfactory. Order early. Hunt's Bouquet Green, the best to be had at inside prices. Write for quotations.

E. H. Hunt, 76-78 Wabash Ave., Chicago.

Hardy Cut Ferns, 75c per 1,000. Christmas Trees by the car load or in small numbers. Bouquet Green, 5½c per lb. Sphagnum Moss, 50c per sack. Cash with orders. All orders by mail or dispatch promptly attended to.

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Delaware Holly of the best grade, foliage of bright green and well berried. Orders book now for shipments which will go forward, freshly packed, at the proper time. For prices and terms address Alex. Pullen, Milford, Del.

Case No. 1, \$1.00; No. 2, \$2.00; No. 3, \$3.00; No. 4, \$3.50; No. 5, \$4.00; No. 6, \$4.50. Carefully selected stock, full cases. Write for art catalogue "Evergreens of the Southland." Caldwell The Woodsman Co., Evergreen, Ala.

Wreathing; 3 sizes, well wound, fresh stock, \$2.75, \$3.50, \$4.50 per 100 yards. Also bouquet green, \$4.50 per 100 lbs. Four through railroads, low rates, prompt service. Cash or reference.
Joseph Bancroft & Son, Cedar Falls, Ia.

Holly, well berried and cut fresh from the trees, per crate of 16 cubic feet, \$2.00; 3 crates for \$5.00. Cash with order.

J. Palmer Gordon, Ashland, Va.

Holly and Laurel. C. E. Brown, Bridgeville, Del. Packer and dealer in swamp holly and laurel in small and car lots.

Galax Leaves, beautiful green and bronze, 50c per 1,000. W. H. Williams & Bro., Victoria, Macon Co., N. C.

Send in your order now for a copy of the Florists' Manual, by Wm. Scott, price \$5.00. Florists' Pub. Co., Chicago.

DRACAENAS.

15,000 Dracaena indivisa, in 2-in., \$3.00 per 100; \$25.00 per 1000. Florists' Supply Co., No. Tonawanda, N. Y.

Dracaena indivisa, 3-in., strong plants, \$3.00 per 100. L. A. Spoden, 23rd and Parade Sts., Erie, Pa.

Dracaena indivisa, in flats, \$5.00 per 100.
Greene & Underhill, Watertown, N. Y.

"The Classified Advs. bring big returns" is the verdict of the advertisers.

FERNS.

	Pot.	Doz.	100.
Cyrtomium Falcatum,	3-in.	\$1.00	\$ 8.00
"	4-in.	2.00	....
"	5-in.	3.00	....
"	6-in.	5.00	....
Blechnum Orientale,	2-in.	.50	4.00
Lomaria Gibba,	4-in.	1.50	12.00
Pteris Serrulata,	2-in.	.50	4.00
Pteris Argyrea,	2-in.	.50	4.00
Pteris Tremula,	2-in.	.50	4.00
Pteris Umbrosa,	6-in.	3.00	20.00
Nephrolepis Exaltata,	4-in.	1.50	12.00
"	5-in.	2.00	....
Nephrolepis Pectinata,	4-in.	1.50	12.00
Nephrolepis Philpensis,	4-in.	1.50	12.00
"	5-in.	2.00	....
Nephrolepis Bostoniensis,	4-in.	2.00
"	5-in.	3.00
"	6-in.	5.00

Geo. Wittbold, 1708 N. Halsted St., Chicago.

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CLASSIFIED PLANT ADVERTISEMENTS—CONTINUED.

FERNS—Continued.

Farleyense. Most beautiful of all the adiantums. We are headquarters. 2-in., \$10.00 per 100; 3-in., \$3.00 per doz.; \$20.00 per 100; 4-in., \$6.00 per doz.; \$40.00 per 100; 5-in., \$9.00 per doz.; 6-in., \$15.00 per doz. Adiantum cuneatum, just right for potting on, 2-in., \$4.00; 3-in., \$8.00 per 100. Boston ferns, largest and finest stock in the country, 2-in. pots for growing on, \$5.00 per 100; \$40.00 per 100. All large sizes in any quantity. Send for prices. Mixed ferns for fern dishes, fine selection of the hardest varieties, \$5.00 per 100; \$40.00 per 1000. E. C. McFadden, Short Hills, N. J.

Ferns. 30 new and choice sorts, 4-in., \$10.00 per 100; 10 new and choice sorts, 2-in., \$4.00 per 100. Nephrolepis Washingtoniensis, 4-in., \$3.00 per doz. Selaginella Africana, 3-in., 50c per doz. Adiantum hybridum, new, 8-in., \$1.00 each. Ferns from flats, nice little plants for small pots, 10 sorts, 100 free by mail, \$1.25. Adiantum cuneatum, extra large, 4-in., \$10.00 per 100. Careful packing. Cash with order. John H. Ley, Good Hope, D. C.

Boston Ferns. N. Exaltata. Bostoniensis, small plants, \$5.00 per 100 to \$40.00 per 1,000; largest size, \$6.00 to \$20.00 per 100; not less than 250 at 1,000 rate. Wm. A. Bock, No. Cambridge, Mass.

The Boston Fern. A specialty. Specimen plants, cut from bench, for 7, 8 and 10 in. pots, at \$50, \$75 and \$100 per 100. Cash or ref. L. H. Foster, 45 King St., Dorchester, Mass.

Boston ferns. Finest stock, \$4.00 per 100. Special prices on larger plants. Cash. D. W. C. Van Valkenburgh, 1440 60th St., Borough Park, Brooklyn, N. Y.

Adiantum cuneatum, select stock, \$6.00 per 100; \$55.00 per 1000. Ready for shipment at once. M. A. Hunt Floral Co., Box 235, Terre Haute, Ind.

Boston ferns and Nephrolepis cordata compacta, 2½-in., \$5.00 per 100. In pans, 50c, 75c, \$1.00, \$1.25 and \$1.50 each. Cash please. Carl Hagenburger, W. Mentor, Ohio.

Nephrolepis exaltata, fine plants, ready for 3 and 4-in. (8 to 20 inches high), \$3.00 per 100; \$15.00 per 1000. Reasoner Bros., Oneco, Florida.

Small ferns in choice assortment, out of 2 and 2½-inch pots, \$4.00 per 100. Cash. Geo. A. Rackham, 880 Van Dyke Ave., Detroit, Mich.

Ferns. Fine assortment. 2½-in., \$3.00; 3-in., \$6.00 per 100. John Bader, Troy Hill, Allegheny, Pa.

FORGET-ME-NOTS.

Winter flowering, 2½-in., \$4.00 per 100; rooted cuttings, \$2.00 per 100. Greene & Underhill, Watertown, N. Y.

If you read these advs. others would read yours.

FUCHSIAS.

Fuchsia, rooted cuttings, Trailing Queen and four others, \$1.50 per 100. Greene & Underhill, Watertown, N. Y.

Fuchsias, in variety, in 2½-inch pots. Our selection, \$3.00 per 100. Cash with order. J. E. Felthousen, Schenectady, N. Y.

GARDENIAS.

Gardenia Florida, from 3-inch pots, 3-10 inches, branched, \$10.00 per 100. P. J. Berckmans Company, Augusta, Ga.

GERANIUMS.

Bronze and Silver Leaf, 3½-in., \$6.00; Sweet Scented, Mrs. Pollock, 2½-in., \$4.00; Mrs. Parker, 2½-in., \$6.00; Happy Thought, Silver Leaf, 2½-in., \$4.00 per 100. Rooted cuttings, assorted, \$1.50; mixed, \$1.25; Mars, Happy Thought, \$3.00; Mrs. Pollock, \$2.00; Mrs. Parker (dbl. pink silver leaf), \$4.00; Silver Leaf, Rose Scented, \$1.50; Mme. Salleron, \$1.25; Freak of Nature, \$4.00 per 100. Greene & Underhill, Watertown, N. Y.

Geranium Novelties for 1900. The finest collection in America. A set of selected Double Bedders, Single Bedders, Fancy Doubles, Mammoth Fancy Singles and Ivy Leaved varieties. A full line of 1899 introductions in all the above sections, also a full line of selected standard bedders.

The Cottage Gardens, Queens, N. Y.

New geraniums, De Roo Mitting, yellow foliage, double, pure scarlet bloom and Double Snowdrop, the best double white bedder to date, \$1.20 per doz.; \$10.00 per 100.

69 varieties of geraniums, all mixed, for retail trade, 2½-in., \$1.50 per 100.

Morris Floral Co., Morris, Ill.

Mixed, good assortment, not labeled, from 2-in. pots, \$1.50 per 100. E. I. Rawlings, Quakertown, Pa.

GREVILLEA.

Grevillea Robusta (silk oak), for sale at 10c, cash, or will trade for rooted cuttings of white or pink geraniums. 55 4-inch pot plants, 12 to 16 inches high. Wm. B. Lovell, Sabula, Ia.

HARDY PLANTS.

Clematis Jackmani, 3 year old, 6 to 8 ft., strong, \$4 a doz.; 2 to 3 ft., \$2.50 a doz. Wistaria Sinensis, \$1.50 a doz. Hydrangea Paniculata, \$1.50 per doz. Dielytra Spectabilis (Bleeding Heart), strong plants, \$1.50 per doz. Aristolochia Siphon, 6 to 8 ft., strong, \$4.00 per doz. G. Aschmann, 1012 Ontario St., Philadelphia, Pa.

Oaks 10,000 Pin, Scarlet, Red, White, Willow leaved, English and Turkey, 4 to 10 ft. Maples, 100,000 Norway, Sugar, Sycamore and Silver Leaved, all sizes. Catalogue on application. Send estimate of wants for prices. The Wm. H. Moon Co., Morrisville, Pa.

Blota Aurea Nana, a perfect gem, fine, shapely plants, hardy north. 10 to 12 inches high, \$10.00 per 100; \$80.00 per 1000; 12 to 15 inches, \$12.00 per 100; \$100.00 per 1000; 15 to 18 inches, \$20.00 per 100.

P. J. Berckmans Company, Augusta, Ga.

Eglantine, the true fragrant sweet briar, Rosa Rubiginosa, 4-5 ft., \$5.00; 2-3 ft., \$3.00; 1-2 ft., \$2.00 per 100. Berberis Thunbergii, \$3.00 to \$7.00 per 100.

T. R. Watson, Plymouth, Mass.

Viburnum Tomentosum. A rare and beautiful shrub. Herbaceous Perennials a specialty. Price list and descriptive catalogue on application. Rea Brothers, Norwood, Mass.

Deutzia Gracilis, strong, bushy plants for forcing, \$6.00 per 100. Samuel C. Moon, Morrisville, Pa. Send for price list of hardy shrubs and trees.

Deutzia Lemoinel, from open ground, \$10.00 per 100. Hardy ivies, strong plants, \$3.00 per 100. C. Elsie, 11th & Jefferson Sts., Philadelphia, Pa.

Spiraeas, extra large clumps, per 100, Japonica, \$3.50; compacta, \$5.00; astilboides floribunda, \$5.00; japonica aurea reticulata, \$10.00. Rhododendrons for forcing, 50c each; \$5.00 per doz. Well budded plants.

Bobbink & Atkins, Rutherford, N. J.

Hollyhocks, Chater's, white, pink, red, blush, yellow. Aug. 1st sown, \$1.00 per 100; \$7.00 per 1000. Byer Bros., Chambersburg, Pa.

F. & F. Nurseries, Springfield, New Jersey. Wholesale growers. Trees and Plants in full assortment. Trade catalogue free.

Hardy herbaceous plants only. In any quantity for the least money. Edw. B. Jackson, Stamford, Conn.

Hardy Grass Pinka, \$3.00 per 100. Morris Floral Co., Morris, Ill.

HELIOTROPE.

Heliotrope, rooted cuttings, the best. 75c per 100. F. R. Thornton, Macomb, Ill.

Rooted cuttings, \$1.25 per 100. Greene & Underhill, Watertown, N. Y.

HYDRANGEAS.

For the want of room to store, we offer the following hydrangeas in good, shapely, field-grown plants, suitable for 6-in. pots, at special low prices: Otaksa, 3 to 4 leads, Otaksa monstrosa, 3 to 4 leads, and Thomas Hogg, 4 to 6 leads, at \$2.00 per doz.; \$15.00 per 100; \$125.00 per 1000.

H. A. Dreer, 714 Chestnut St., Phila.

Otaksa, red branched, Thos. Hogg. With 4 or more crowns, \$10.00 per 100; \$90.00 per 1000. With 2 or 3 crowns, \$7.00 per 100; \$60.00 per 1000. Extra good value, satisfaction guaranteed. Jackson & Perkins Co., Newark, N. Y.

Hydrangea, pink, 3-in., \$6.00 per 100. Greene & Underhill, Watertown, N. Y.

IPOMOEA.

Ipomoea pandurata, day blooming Moon-flower, in any amount. State number wanted and write for prices.

James Frost, Greenville, Darke Co., Ohio.

MANETTIA.

Manettia bicolor, 2½-in., \$6.00; rooted cuttings, \$2.00 per 100.

Greene & Underhill, Watertown, N. Y.

MUSHROOM SPAWN.

Best English Milltrack, just arrived, \$7.00 per 100 lbs. In 500 lb. lots at \$6.50 per 100.

Johnson & Stokes, 219 Market St., Phila, Pa.

ORANGES.

Otaheite Oranges. In fruit. Handsome, bushy plants, clean and well grown, perfect fruit, and in finest possible condition for Christmas. Plants in 4 to 7-inch pots, with from 4 to 12 perfect fruit; 50c to \$1.25 each.

R. G. Hanford, Norwalk, Conn.

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Orchids have for very many years been a specialty with the undersigned, and the collection is steadily augmented by fresh importations from the collectors of the firm. It is not easy, without seeing it, to form an adequate conception of the stock. Extent is simply immense. Quality fine. Prices moderate. HUGH LOW & CO., BUSH HILL PARK NURSERY, ENFIELD, ENGLAND.

Just arrived in fine condition, Cattleya Mendellii and Laelia Jongheana; also C. labiata, C. speciosissima, C. Gaskelliana and C. Harrisoniae. Cherry wood baskets, moss and peat. Lager & Hurrell, Summit, N. J.

In stock for immediate delivery. Fine established potted plants Odont. crispum (Pacho type), and finest hybrids in America. Lists and prices on application. Arnold & Co., Orchidists, 222 St. Mark's Sq., Philadelphia.

Strong, well established, healthy plants, at \$9.00 per doz. Fern roots of best quality, \$1.00 per barrel. W. Mathews, Utica, N. Y.

PANSY PLANTS.

For Pansy Seed see under heading "Seeds."

25,000 strong, stocky pansy plants. The finest strain on the market. \$2.50 per 1000; 10.00 per 5000. Orders for less than 1000 not accepted. A. Wenisch, Newell Ave., Williamsbridge, N. Y.

Schmidt's pansies have no equal, the cream of all pansies, fine, large plants, 50c per 100; \$3.00 per 1000. Bellis, extra fine; Snowball, Longfellow, 50c per 100; \$3.00 per 1000. Forget-me-Not, blue, hardy, 60c per 100; \$4.00 per 1000. J. C. Schmidt, Bristol, Pa.

The Jennings strain. Plants now ready. All colors, finest mixed, by mail 60c per 100, by express \$4.00 per 1000.

E. B. Jennings, L. B. 254, Southport, Conn.

Fine plants from my own select strain, \$4.00 per 1000. Cash. W. J. Engle, Xenia Ave. and Dover St., Dayton, O.

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Good plants, by express, \$2.50 per 500; \$4.00 per 1000. C. Soltan & Co., 199 Grant Ave., Jersey City, N. J.

Large flowering strain, none better, 50c per 100; \$2.50 per 1000. Jos. H. Cunningham, Delaware, Ohio.

Fine, mixed, \$3.00 per 1000; liberal discount on 5000. O. F. Searles, L. B. 1686, Nashua, N. H.

Pansy seedlings, Reck's strain, 35c per 100; \$3.50 per 1000. Cash. John Reck, Bridgeport, Conn.

Large flowering strain, 40c per 100; \$2.50 per 1000. Byer Bros., Chambersburg, Pa.

Herr's Pansies, the best strain in the world. A. M. Herr, Lancaster, Pa.

Pansy plants, all sizes, write for prices. Morris Floral Co., Morris, Ill.

The Florists' Manual, by William Scott, is a whole library on Commercial Floriculture.

PEONIES.

Paeonia officinalis rubra plena, \$10.00 per 100; \$1.50 per dozen. This is the true dark crimson variety, the earliest flowering paeonia in existence and the only one good for forcing. *Paeonia chinensis*, colors mixed, \$8.00 per 100; pure white, \$15.00 per 100; named, 50 plants in 50 distinct varieties, per collection, \$15.00. Bobbink & Atkins, Rutherford, N. J.

PALMS, ETC.

WITTBOLD'S OFFER OF PALMS AND OTHER DECORATIVE PLANTS. Measurements from top of pot to top of tallest leaf.

	Pot	H't.	Char.		
	in.	in.	lvs.	Each.	Doz.
<i>Latania Borbonica</i> ,	2				\$.50
"	3				1.50
"	5	16-20	5-8	\$.50	5.00
"	6	18-22	5-7	.75	8.00
"	7	20-24	6-8	1.00	12.00
"	8	28-30	7-8	2.00	24.00
"	8	28-34	7-8	2.50	30.00
"	9	30-36	8-9	3.00	36.00
<i>Cocos Weddelliana</i> ,	3	14-18	4-6	.25	2.00
<i>Kentia Belmoreana</i> ,	3	5-7	3-4	.25	2.00
"	3	5-10	4-5		3.00
"	5	18-20	5-6	.75	7.20
"	5	18-22	6-7	1.00	12.00
"	6	20-25	5-7	1.50	18.00
"	7	24-38	6-7	2.50	30.00
"	10			8.00	
<i>Kentia Forsteriana</i> ,	5	20-24	4-6	.75	7.20
"	5	25-28	4-6	1.00	12.00
"	6	28-30	6-8	1.50	18.00
"	7	36-40	5-8	2.50	30.00
"	10			8.00	
<i>Ficus Elastica</i> ,	4	12-14		.25	3.00
"	5	16-18		.50	5.00
"	8			1.00	12.00
	Pot.	H't.	Tiers.	Each	Doz.
<i>Araucaria Excelsa</i> ,	3	6-8	2-3	\$.50	\$ 6.00
"	4	10-12	2-3	1.00	10.00
"	5	18-20	3-4	1.25	15.00
"	7	36-38	6-7	2.50	30.00

Dracaena terminalis, 4-inch pots, fine plants, \$3.00 per doz. *Dracaena fragrans*, fine plants, per doz., 4-inch, \$3.00; 5-inch, \$5.00; 6-inch, \$9.00.

Peperomia Argyreia, per doz., 2-inch, 75 cts; 2-inch, \$1.50; 4-inch, fine plants, \$2.00. Geo. Wittbold, 1708 N. Halsted St., Chicago.

To close out for want of room, ready for a shift.

	Inch	Pots.	100.	1000.
400 Phoenix Reclinata,	4		8.00	
1000 Phoenix Reclinata,	2		5.00	\$45.00
7000 Latania Borbonica,	2		5.00	40.00
5000 Pteris Tremula,	2		2.50	20.00
2000 Pteris Ensifolia,	2		2.50	20.00
2000 Pteris Surrulata Max,	2		2.50	20.00
3000 Pteris Longifolia,	2		2.50	20.00
2000 Pteris Surrulata,	2		2.50	20.00
2000 Pteris Surr. Com Nana,	2		3.00	25.00
1000 Pteris Onardia,	2		2.50	20.00
1500 Nep. Bostoniensis,	2½		5.00	40.00
2000 Nep. Cor. Compacta,	2½		4.00	35.00
2000 Nep. Exaltata,	2½		4.00	35.00

Would exchange for 500 *Adiantum Cuneatum*. Cash with order. The E. Hippard Co., Youngstown, O.

	Pot	H't.	Char.	Per	Per
	in.	in.	lvs.	100.	1000.
<i>Latania Borbonica</i> ,	4	12-15	2	\$15.00	\$125
"	4	15-18	2-3	20.00	150
"	5	18-20	4-5	25.00	
<i>Phoenix Canariensis</i> ,	4	15-18	4-5	15.00	
<i>Seaforthia Elegans</i> ,	4	18-20	2	20.00	

P. J. Berckmans Company, Augusta, Ga.

Kentia Belmoreana, very scarce. We have a fine block of bushy little plants in 3-in. pots, about 5 leaves, just right for center piece, \$3.00 per doz.; \$25.00 per 100.

Cocos Weddelliana, our stock cannot be surpassed. Fine stocky plants from 3-in. pots, \$2.00 per doz.; \$15.00 per 100. \$140.00 per 1000. E. C. McFadden, Short Hills, N. J.

Corypha Australis, fine palm, 20-in. high, 5-in. pots, \$3.00 per doz. *Ficus Elastica*, 20 to 25-in. high, 6-in. pots, \$6.00 per doz.; 18 to 20-in. high, \$5.00 per doz.; 12 to 16-in. high, \$4.00 per doz. Cash. G. Aschmann, 1012 Ontario St., Phila., Pa.

Fresh crop 1899 seed, guaranteed, *Kentia Belmoreana* or *Forsteriana*, 100 s, 60c; 1000 s, \$4.25, including delivery. Sample doz., 20 cts. H. H. Berger & Co., 47 Barclay St., New York.

Large stock of handsome home grown palms and decorative plants of all the leading varieties at popular prices. Send for price list. Lemuel Ball, Wissinoming, Philadelphia, Pa.

Ficus elastica. Nice, clean, healthy stock, from 5-inch pots, well leaved from pot up, 18 to 24 inches high, \$4.00 a dozen; \$30.00 a 100. McGregor Bros., Springfield, O.

Pandanus Veltchii, vigorous, shapely plants, each, 6-in., \$1.00; 7-in., \$1.50; 8-in., \$2.00. Discounts on large orders. J. Welsh Young, Germantown, Pa.

Latantias and *Arecas*. We are crowded for room and offer them at a bargain. Write for sizes and prices. Brown & Canfield, Springfield, Ill.

Phoenix reclinata, strong plants from 6-in. pots, \$6.00 per doz. C. Eisele, 11th & Jefferson Sts., Philadelphia, Pa.

Pandanus utilis, 7-inch pots, 2½ feet from pot, \$1.50 each. Cash. Otis F. Searles, L. B. 1688, Nashua, N. H.

Palm seeds. *Kentia Belmoreana*, per 1000, \$4.00; *K. Forsteriana*, per 1000, \$3.00. C. H. Joosten, 85 Dey St., New York.

Aspidistra, extra fine plants. Variegated, 10c per leaf, green, 6c per leaf. Bobbink & Atkins, Rutherford, N. J.

Peperomias argyrea and *arifolia*, 3-in., 50c per doz. John H. Ley, Good Hope, D. C.

PELARGONIUMS.

The Queen, 2½-in., \$2.00 per 100. Morris Floral Co., Morris, Ill.

Send in your order now for a copy of the Florists' Manual.

PETUNIAS.

Are a good money maker. I have the best mixture in the U. S. to-day, consisting of 10 varieties of Dreers, 2 varieties from Australia, 9 varieties from France, 4 varieties from Germany and 5 varieties from England. The 30 varieties all mixed together in 2½-in. pots at \$2.00 per 100. Morris Floral Co., Morris, Ill.

New double fringed petunias, Henderson's and Dreer's latest set, known the world over as the standard of perfection. Strong rooted cuttings, ready Nov. 10, \$1.00 per 100; 2-in. pot plants, \$2.00 per 100. South Side Floral Co., Springfield, Ill.

Petunias, double fringed, a good assortment of money makers, 2-in., \$2.00 per 100; rooted cuttings, \$1.00 per 100. E. I. Rawlings, Quakertown, Pa.

The Florists' Manual, by William Scott, is a complete reference book for commercial florists.

PRIMROSES.

Extra fine grown *Primula Chinensis*, 4-inch, \$10.00 per 100; 5-inch, \$2.00 per dozen; \$15.00 per 100. Baby primrose, 4-inch, \$2.00 per dozen; \$15.00 per 100; 3-inch, \$12.00 per 100. *Primula floribunda* (new), 4-inch, \$15.00 per 100; 3-inch, \$10.00 per 100. *Primula obconica grandiflora*, 4-inch, \$12.00 per 100; 5-inch, \$3.00 per dozen. McKellar & Winterson, 45, 47, 49 Wabash Ave., Chicago.

Primula Chinensis, in bud for Xmas, finest in the country, 4-in. pots, only \$6.00 per 100; 5-in. pots, \$1.25 per doz. *Primula Obconica*, 4-in., \$5.00 per 100; 5-in., \$10.00 per 100. Cash. G. Aschmann, 1012 Ontario St., Phila., Pa.

Primroses, finest strain. Chinese, from 2-inch pots, \$1.50 per 100; from flats, \$1.00 per 100; \$8.00 per 1,000. *Obconica grandiflora*, 4-inch, in bud and bloom, \$4.00 per 100. Orange Floral Co., West Orange, N. J.

New Yellow Baby Primrose, \$1.20 per doz.; \$10.00 per 100. Chinese, 2½-in., \$1.50; 2-in., \$3.00; from flats, 75c per 100. *Obconica*, 2½-in., \$1.50; 3½-in., \$3.00 per 100. Morris Floral Co., Morris, Ill.

Primula Forbesii, blooming plants in 2½-inch pots, \$3.00 per 100. Cash. W. J. Engle, Xenia Ave. and Dover St., Dayton, O.

Chinese primroses, strong, 3-inch pots, 50c per doz.; 4-in. pots 75c per doz. C. Eisele, 11th & Jefferson Sts., Philadelphia, Pa.

Baby primrose, 4-inch pots, in full bloom, \$1.00 per doz.; 3-inch, fine, 60c per doz. Cash, please. Wm. Keir, Pikesville, Md.

Chinese, single, mixed and *Obconica grandiflora*, \$1.25 per 100. Jos. H. Cunningham, Delaware, Ohio.

In bud, 2-in., \$2.00; 2½-in., \$3.00 per 100. Greene & Underhill, Watertown, N. Y.

"The Classified Advs. are a great convenience" is the verdict of the buyers.

ROSES.

The grand new rose Liberty, most nearly approached by Meteor in color, but far surpassing that standard variety in brilliancy and purity of color, as well as in size; never showing any deformed, black or bull heads either in winter or summer and far surpassing Meteor in freedom of bloom. A remarkable keeper when cut, keeping its brilliancy of color without turning blue or dropping its petals, as is the case with Gen. Jacqueminot, which it somewhat resembles in size and fragrance. Prices are as follows for A1 stock: Own rooted plants in 2½-inch pots, 12 plants, 60c; 25 plants, 50c; 50 plants, 30c; 100 plants, 25c; 1000 plants, 20c each.

Grafted plants in 2½-inch pots: 12 plants, 75c; 25 plants, 60c; 50 plants, 50c; 100 plants, 40c; 1000 plants, 35c each. Satisfactory reference or deposit from all unknown correspondents. Orders coming in after this date can be filled only in April or later, as my stock for March delivery is all sold.

E. G. Asmus, West Hoboken, N. J. Agents: J. C. Vaughan, Chicago, Ill.; J. N. May, Summit, N. J.; F. R. Pierson Co., Tarrytown-on-Hudson, N. Y.

The demand for the grand new crimson-scarlet rose Liberty has been so great that the stock for March delivery has been all sold. Orders booked now and filled strictly in rotation for April delivery. Florists who have not yet secured their stock should order at once. Own root plants, from 2½-in. pots, 50 plants, 30c each; 100 plants, 25c each; 1000 plants and over \$200.00 per 1000. 3-in. pot plants, 5c each, additional. Grafted plants, from 2½-in. pots, 50 plants, 50c each; 100 plants, 40c each; 1000 plants or more, \$350.00 per 1000. 3-in. pot plants 5c each, additional. Bassett & Washburn, 76 Wabash Ave., Chicago, western agents for Robt. Scott & Son. All orders will be shipped direct from their greenhouses.

Wire Rose Stakes. Straight or looped and pointed. Samples and prices on application. The Model Plant Stake Co., 226 No. 9th St., Brooklyn, N. Y.

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CLASSIFIED ADVERTISEMENTS—CONTINUED.

ROSES—Continued.

Crimson Ramblers, extra strong, \$25.00 per 100. Hybrid roses, low budded, \$10.00 per 100; \$75.00 per 1000.
F. W. O. Schmitz, Jersey City, N. J.

American Beauty, Bridesmaid, Perle, Bride, Sunset, Meteor, Morgan, Testout, Mermet, La France, 3, 3½ and 4-inch.
A. S. McBean, Lakewood, N. J.

Crimson Rambler Roses, strong, 5 to 6 ft., \$3.00 per doz. Cash.
G. Aschmann, 1012 Ontario St., Phila., Pa.

Liberty Rose. We have sole control for the New England states.
Edmund M. Wood & Co., Natick, Mass.

1000 Bridesmaid roses, 2½ and 3-in., \$2.50 per 100 to close out.
South Side Floral Co., Springfield, Ill.

Hardy roses in great variety.
Ellwanger & Barry, Rochester, N. Y.

Manetti stocks for fall delivery.
Hiram T. Jones, Elizabeth, N. J.

SALVIA.

Salvia, rooted cuttings, \$1.25 per 100.
Greene & Underhill, Watertown, N. Y.

Send in your order now for a copy of the Florists' Manual, by Wm. Scott, price \$5.00. Florists' Pub. Co., Chicago.

SEEDS.

Pansy Seed. Hunt's Unrivalled. This mixture is made up by the most careful selection from all the best varieties grown and is the standard mixture for Florists who wish to realize the greatest returns from either blooms or plants. We have sold this mixture with increasing sales for the past ten years, a sufficient proof of its high quality. Oz., \$3.00; ½ oz., \$1.00; trade pkt., 25 cts.
E. H. Hunt, 76-78 Wabash Ave., Chicago.

Verbena seed, new crop just received. Our Mammoth strain cannot be equalled for size and rich colors. Entirely free from rust. Mammoth, mixed, scarlet, white, pink, \$1.50 per oz.; 50c per ¼ oz. Smilax seed, new crop, \$3.00 per lb.; 35c per oz.; 15c per ¼ oz. Our new wholesale price list and order sheet of a full line of seeds is now ready. Write for it. Mailed free. Henry F. Mitchell, seedsman, 1018 Market St., Phila.

Our Specialties: Sweet peas, cosmos, hollyhock, verbena, aster, mignonette, etc.; onion, lettuce, celery, carrot, parsley, parsnip, lima beans, salt bush, bromus grass, Bermuda grass, Johnson grass, etc. All California grown. Wholesale only.
Perry Watson & Co., Sacramento, Cal.

The Jennings Pansy. All large flowering and of the most brilliant colors. Sure to give satisfaction. \$1.00 per pkt.; \$5.00 per oz.
E. B. Jennings, L. B. 254 Southport, Conn.

Seeds, Bulbs, Florists' supplies, etc. We carry a large stock. Western florists should send for our wholesale price list.
Barteldes & Co., Denver, Colo.

Aster seed, tall branching, mixed, choice strain, 75c per oz. Allen's Defiance, \$1.00 per oz. Cash.
John Reck, Bridgeport, Conn.

Sweet Pea and other California grown Flower Seeds ready. H. H. Berger & Co., 47 Barclay St., New York.

Wholesale price list for florists and market gardeners.
W. Atlee Burpee & Co., Philadelphia, Pa.

Special seeds for the florist and gardener. Send for wholesale catalogue.
Johnson & Stokes, Philadelphia, Pa.

Pansy seed, 3-16 oz., \$1.00; 1 oz., \$4.00. Cash with order.
C. Soltau & Co.,
199 Grant Ave., Jersey City, N. J.

Cabbage and Cauliflower seed specialist.
Francis Brill, Hempstead, L. I., N. Y.

SMILAX.

Extra strong bushy seedlings, ready for potting or planting out, 50c per 100; \$4.00 per 1000. Any quantity. Cut smilax, 6 ft. strings, 12½c. South Side Floral Co., Springfield, Ill.

String your Smilax with Meyer Green Silkaline. Send for samples and prices. John C. Meyer & Co., Mfrs. and Wholesalers, 87 Summer St., Boston, Mass.

Plant smilax, for Easter trade, after mums, when all green is scarce. Strong plants from 2½-in. pots, \$2.50 per 100.
N. Smith & Son, Adrian, Mich.

STRAWBERRY PLANTS.

As a special inducement for everybody to give my plants a trial and see for themselves that my plants are what I claim for them, "equal to the best," I make the following proposition: For only \$1.00 I will send to any part of the United States, all charges prepaid, 6 New York, 25 Excelsion, 25 Johnson's Early, 25 Sample and 25 Nick Ohmer Strawberry Plants. And I further agree that these plants shall be strictly true to name and reach you in first class condition. Address to W. F. Allen, Salisbury, Md.

VEGETABLE PLANTS.

Cabbage plants, field grown, 15c per 100; \$1.00 per 1000; if by mail add 10c per 100. Write for prices on large lots for fall planting. Lettuce. Boston Market, Tennis Ball, Curled Simpson and other varieties, field-grown, 15c per 100; \$1.00 per 1000, if by mail add 10c per 100. Parsley, strong plants, \$1.50 per 1000; \$12.50 per 10,000. Cash with order.
R. Vincent, Jr. & Son, White Marsh, Md.

VERBENAS.

20th century verbenas, thirty-two grand mammoth varieties, including the new Capt. Dreyfus, Helen Gould, Melba and others. This is the set that will make money for you in 1900. Strong 2-in. pot plants, ready Nov. 10, \$2.00 per 100; rooted cuttings, 60c per 100; \$5.00 per 1000. South Side Floral Co., Springfield, Ill.

60 finest named varieties, including our new mammoth white, Mrs. McKinley, the finest white verberna grown. Healthy, free from rust. Rooted cuttings, 60c per 100; \$5.00 per 1,000. Plants, \$2.50 per 100; \$20.00 per 1,000. Our list is the choice from millions of seedlings.
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VINCAS.

Vinca maj. var., strong field clumps, \$5.00 per 100. Cash. W. J. Engle, Xenia Ave. and Dover St., Dayton, O.

Vincas, rooted cuttings, \$1.50 per 100; \$12.50 per 1000. In 3-in. pots, \$4.00 per 100.
Greene & Underhill, Watertown, N. Y.

Vinca Var. R. C., by mail, \$1.15 per 100. Cash.
Dann & Son, Westfield, N. Y.

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La France. We have a good supply of strong, field-grown plants of this, the best of all single varieties and to close out we offer strong clumps at \$1.25 per doz.; \$10.00 per 100; \$90.00 per 1000. H. A. Dreer, 714 Chestnut St., Phila.

Extra strong field-grown clumps of Princess of Wales, \$8.00 per 100. California, \$5.00 per 100. These are well budded and will give immediate returns.
N. Smith & Son, Adrian, Mich.

Single white violets, clumps from open ground, \$5.00 per 100. California, clumps, \$4.00 per 100. C. Eisele, 11th & Jefferson Sts., Philadelphia, Pa.

25,000 fine rooted cuttings, Lady Campbell violets, \$5.00 per 1000. Samples free. Wm. Swayne, Box 226, Kennett Square, Pa.

Princess of Wales, strong plants, \$2.00 per 100. Samples, 10c.
Evenden Bros., Williamsport, Pa.

Violets, per 100, Farquhar, 2½-in., \$3.00, Double White stock, 3-in., \$3.00.
Greene & Underhill, Watertown, N. Y.

MISCELLANEOUS PLANTS.

Feverfew, Little Gem and Golden Leaved, 2½-in., \$1.50 per 100. Mesembryanthemum erectum. Basket Plant and California Moss, rooted cuttings, \$1.00 per 100. Cigar Plant, 2½-in., \$1.50 per 100. Lycopodium dent., 2½-in., \$1.50 per 100. Iresines, 2 colors, 2½-in., \$1.50 per 100. Dusty Miller, 2½-in., \$3.00 per 100. Rooted cuttings of Golden Leaved feverfew, \$1.00 per 100.
Morris Floral Co., Morris, Ill.

Lemon Verbena, \$3.00, \$4.00 and \$6.00 per 100. Impatiens Sultan, 2½-in., \$3.00 per 100. Rooted cuttings: Impatiens Sultan, \$2.00. Fragrant calla, 2½-in., \$1.50; 4-in., \$3.00 per doz. Mignonne, 2-in., \$2.00 per 100.
Greene & Underhill, Watertown, N. Y.

CUT FERNS.

Hardy cut ferns, \$1.00 per 1000. Discount on large orders. L. B. Brague, Hinsdale, Mass.

CUT FLOWER BOXES.

Florists' Boxes. The J. W. Sefton Mfg. Co., 241-247 S. Jefferson St., Chicago.

EVERYTHING FOR FLORISTS.

Write for quotations on your wants to McKellar & Winterson, 45, 47, 49 Wabash Ave., Chicago.

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Nitrate of Soda (2½c per lb.), Sulphate of Ammonia (3½c per lb.), Sulphate of potash (3c per lb.), Sulphur (2½c per lb.). Also best quality Soot, specially adapted to greenhouse use; extra fine Bone Flour, special quality; medium fine Ground Bone, Nitrate of Potash, Land Plaster, Blood and Bone; Charcoal, Brazilian Tonic Food for Plants and Flowers and all similar supplies of best quality at close prices. Address E. Sanborn, P. O. box 2821, New York City.

Sheep manure. Thoroughly pulverized and ready for immediate application. Special prices to florists and seedsmen in lots of 20 tons and up. Cheap freight rates to eastern points. Testimonials from Agricultural Department, University of California. Send for sample. Geo. C. Roeding, Proprietor, Fresno Fertilizer Works, Fresno, Cal.

Red Towers Brand Bone Meal for florists. 100 lb. bag, \$1.75; 200 lb. bag, \$3.25; ¼ ton, \$7.50; ½ ton, \$14.50; 1 ton, \$28.00. F. O. B. Bridgeport, Conn. Also Odorless Lawn Dressing. Terms, cash with order. Red Towers Greenhouses, Hackensack, N. J.

Jadoo Fibre, a substitute for soil. Jadoo Liquid, the very best fertilizer. Write for printed matter. American Jadoo Co., 817 Fairmount Ave., Philadelphia, Pa.

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FLORISTS' LETTERS.

The Cefrey Letter Co., 446 Tremont St., Boston, Mass., Chas. L. Razoux, Mgr., Manufacturers of Florists' Letters. The best and most artistic letter on the market. Pat. Jan. 3rd, 1893. Price: 1½ or 2-inch letters, \$1.50 per 100; script letters, \$3.50 per 100. Agents: The Flower Market, Boston; Emil Steffens, New York; McKellar & Winterson, Chicago; H. Bayersdorfer & Co., Philadelphia.

The Florists' Manual, by William Scott, is a complete reference book for commercial florists.

PLEASE MENTION THE REVIEW WHEN WRITING ANY OF THESE ADVERTISERS.

CLASSIFIED ADS.—Continued.**GLASS, ETC.**

The Van Reyper Perfect Glaziers' Points. No rights or lefts. Price per box of 1000, 60 cts; by mail, 75 cts; in lots of 5000 by express, 55 cts per 1000. Henry A. Dreer, 714 Chestnut St., Philadelphia, Pa.

We are overstocked with greenhouse glass and are making prices to move it. If in need of glass write us. Cleveland Window Glass Co., Cleveland, O.

Every florist ought to insure his glass against hail. For particulars address John G. Esler, Sec'y, Saddle River, N. J.

We make special greenhouse putty. Price on application. Lord & Burnham Co., Irvington-on-Hudson, N. Y.

Importers and jobbers of Greenhouse Glass. Wheeler-Stenzel Co., 72 Sudbury St., Boston, Mass.

Send for Lucas on Glass. Four pamphlets tell all about it. John Lucas & Co., Philadelphia.

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Made in 25 and 50-ft. lengths, couplings attached.
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Hose for Florists. Penn Rubber Co., 608 Arch St., Philadelphia, Pa.

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TOBACCO STEMS, the good, strong kind only, 60 cts per 100 lbs.; bales 450 lbs.

TOBACCO DUST, the black stuff, 2 cts per lb.; 50 to 1000 lbs.

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Nicomite (patent) Vapor Insecticide. No labor required. Harmless to bloom and foliage. A certain killer of red spider, green fly and other insect pests. Sold by seedsmen. The Tobacco Warehousing and Trading Co., Louisville, Ky.

Tobacco stems, \$1.00 per 100 lbs. Tobacco dust, \$2.50 per 100 lbs. Rose Leaf Extract of Tobacco, Nikoteen, Nicomite. Send for prices on large quantities.

McKellar & Winterson, 45, 47, 49 Wabash Ave., Chicago.

Nikoteen. Does not injure the most sensitive plants. Endorsed by prominent florists. Used for fumigation or spraying, indoors or out. 200 lbs. of tobacco in one pint of Nikoteen. Sold by seedsmen. Circular free. Skabura Dip Co., Chicago.

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We manufacture Standard Flower Pots, Lawn and Hanging Vases. We make a light, porous, strong, durable pot that gives satisfaction to all who use it. We invite a trial order. Ionia Pottery Co., Ionia, Mich.

Flower Pots. Before buying write us for prices. Geo. Keller & Son, 361-363 Herndon St. (near Wrightwood Ave.), Chicago.

Standard Pots. We are now ready to supply a superior quality of Pots in unlimited quantities. Catalogues and price-lists furnished on application.

A. H. Hews & Co., North Cambridge, Mass.

Standard Flower Pots. If your greenhouses are within 500 miles of the Capitol, write us; we can save you money. W. H. Ernest, 28th and M Sts., N. E., Washington, D. C.

For the best Plant Tubs, address Mann Bros., 6 Wabash Ave., Chicago.

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We are headquarters on Sphagnum. Just received several carloads.

Per Bale, \$1.00.

Six Bales, \$5.00.

Ten Bales, \$7.50.

Write for prices on large quantities. McKellar & Winterson, 45, 47, 49 Wabash Ave., Chicago.

We are now gathering Sphagnum Moss for the Florist trade and will have none but the best. Give us a trial order and see if we do not send you just what you need. Will quote prices as low as possible on live Sphagnum for growing Orchids, etc.

Z. K. Jewett & Co., Sparta, Wis.

We are just in receipt of some of the best Moss that has reached Chicago in recent years and now is the opportunity to lay in a good stock: 3 bales, \$3.00; 6 bales, \$5.50; 12 bales, \$9.00. Special price on larger quantities.

E. H. Hunt, 76-78 Wabash Ave., Chicago.

Sphagnum moss, best quality. Write L. B. Brague, Hinsdale, Mass.

TEMPERATURE REGULATOR

Regulate the temperature in your greenhouses by using Page's electric indicator. It warns you if the temperature goes too high or too low. May save its cost ten times over in one night. Positive guarantee.

The Page Seed Co., Greene, N. Y.

WAGON HEATERS.

The Lehman heater is the best. Write for particulars. Lehman Bros., 10 Bond St., New York City, or Jas W. Erringer, 297 Wabash Ave., Chicago.

WIRE WORK.

We are large manufacturers of Wire Designs and can please you both in quality and price. Send for list.

E. H. Hunt, 76-78 Wabash Ave., Chicago.

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We are Headquarters for Wire Work. McKellar & Winterson, 45, 47, 49 Wabash Ave., Chicago.

Manufacturer of Wire Work for Florists. James Griffith, 701 Main St., Cincinnati, O.

Reed & Keller, 122 W. 25th St., New York. Manufacturers of Wire Designs.

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Kennicott Bros. Co., 42 and 44 Randolph St., Chicago.

IMPORT DUTIES.

The United States General Appraisers at New York gave a decision November 14 that "the seed of the sand or winter vetch (*Vicia villosa*) is an agricultural seed, dutiable at 30 per cent ad valorem, under paragraph 254, tariff act of 1897, as seeds not specially provided for in said act, and is not entitled to free entry, under paragraph 656 of said act, as 'grass seeds,' not being known as such either popularly or commercially."

MASSILLON, O.—Fire did damage estimated at \$700 to the greenhouse of Clifford Manly the night of Nov. 10.

WANT ADVERTISEMENTS.

Advertisements under this head 10 cents a line, an average of seven words to the line.

SITUATION WANTED—As foreman, capable of taking charge; ten years' experience in commercial places; Swede; West of Chicago preferred. For further particulars, address N. N., care Florists' Review.

WANTED—To sell your cut flowers on commission at retail; have a good stand; no opposition in my part of city; will get good prices and make returns daily. Address Commission, care Florists' Review.

SITUATION WANTED—By competent man who is up to date in decorating and designing and can take care of correspondence and bookkeeping. Address Edward Rayer, care Florists' Review.

SITUATION WANTED—By well educated young florist to take charge of 25 to 30,000 sq. feet of glass, devoted mostly to roses and carnations. Well recommended and energetic. South or Southeast preferred. Address Progress, care Florists' Review.

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By a thoroughly practical Gardener and Florist, most successful propagator and grower; capable of making a specialty of anything in the trade; qualified to take the management of laying out new place, the formation of lawns, roads, etc. Good references.

Address A. A., care of Florists' Review.

We are now gathering our new

Sphagnum Moss

for the Florist trade and will have none but the best. Give us a trial order and see if we do not send you just what you need. Will quote prices as low as possible on live Sphagnum for growing Orchids, etc.

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Mention the Review when you write.

SHEEP MANURE.

I have now on hand the cleanest and purest Sheep Manure that can be bought in the market. To be convinced send for price list and sample.

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Long Distance Telephone.

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GREENHOUSE BUILDERS

Hot Water Heaters, Pipes, Fittings
and Ventilation Apparatus

THE FLORISTS' REVIEW

G. L. GRANT, EDITOR AND MANAGER.

PUBLISHED EVERY THURSDAY BY

THE FLORISTS' PUBLISHING CO.

520-535 Carlton Building, Chicago.

334 Dearborn Street.

Subscription, \$1.00 a year. To Europe, \$2.00. Subscriptions accepted from those in the trade only.

Advertising rates: Per inch, \$1.00; 1/2 page, \$13.50; full page, \$27.00. Discounts: 6 times, 5 per cent; 13 times, 10 per cent; 26 times, 20 per cent; 52 times, 30 per cent. Discounts allowed only on consecutive insertions. Only strictly trade advertising accepted. Advertisements must reach us by Tuesday to insure insertion in the issue of the following Thursday.

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CRYSTAL SPRINGS, MISS.—The fifth annual chrysanthemum show of the Crystal Springs Floral Club was held Nov. 14 to 16.

DENVER, COLO.—The contract for addition to the City park greenhouses has been awarded to Geo. J. Chalmers, whose bid was \$315.

ERIE, PA.—S. Alfred Baur gave a very successful chrysanthemum show at his store, 1108 State street, last week. The display attracted crowds of visitors.

NIKOTEEN
IT COSTS 4 CENTS FOR EACH 600 FEET OF
FLOOR SPACE

DOES NOT INJURE THE MOST SENSITIVE
PLANTS—ENDORSED BY PROMINENT FLORISTS
USED FOR FUMIGATION OR SPRAYING INDOORS OR
OUT—200 LBS. OF TORACLO IN ONE PINT OF NIKOTEEN
SOLD BY JEROME HEN—CIRCULAR TREE
SKABCURA DIP CO. CHICAGO

Kill AND SAVE the BLOOMS Bugs!
QUICKLY DOES IT.

Mention the Review when you write.

DEFIANCE, O.—Mr. C. Winterich is branching out in his business. He has arranged to erect greenhouses at Garrett and will conduct a branch establishment there.

LENOX, MASS.—The annual chrysanthemum show of the Lenox Hort. Society was held Nov. 4 and was very successful. Among the leading exhibitors were Geo. H. Morgan, Chas. Lanier, Wm. D. Sloane, Morris K. Jessup, Jas. Choate and John Sloane.

WE have received a copy of the new catalogue issued by the C. C. Pollworth Co., Milwaukee, Wis., and it is certainly very handsomely gotten up. The use of fine half tone engravings is to be commended, as they are not only rich in effect, but are accurate. This firm handles a great variety of goods and the catalogue is a very useful little reference book for trade buyers.

GALESBURG, ILL.—I. L. Pillsbury has purchased the stock of the Whitting Nursery and it will be moved to his greenhouses, 65 Locust street, and the trade will be carried on there. E. R. Gesler held a free chrysanthemum show at his greenhouses November 8 to 11 and many people visited his houses. November 13 to 18 I. L. Pillsbury held his annual chrysanthemum show, and about 1,000 took advantage of the opportunity and inspected the plants and flowers, which were fine. The new varieties which attracted most attention were Pennsylvania, Latest Fad, James Comley, Golden Wonder, Western King and many older varieties. The sales were satisfactory and the show a decided success.



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233 MERCER ST., NEW YORK

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PIPES, FITTINGS AND VENTILATING APPARATUS
Send Four Cents for Catalogue

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Supplies at wholesale rates through the Co-operative Purchase Department.
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... PRINTING HOUSE ...**
Nursery
Seed
Florists' **Catalogues**

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The practical leaders to correct order taking in
hurried hours. **Single sample free.**

Pad of 100 sheets, mailed for 24 cents in stamps.

Ten Pads (1000 sheets), by express, \$1.75.

DAN'L B. LONG, Publisher, BUFFALO, N. Y.

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GOLD FISH and Send for
AQUARIUM SUPPLIES. Price List.

KEENAN'S SEED STORE. 6112 and 6114
Wentworth Avenue,
CHICAGO

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**Greenhouse
Material**

Of Clear Louisiana
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California Red Cedar

BEST GRADES.

PERFECT WORKMANSHIP.

A. DIETSCH & CO.,
615 to 621 Sheffield Ave., CHICAGO, ILL.

Mention The Review when you write.

THE FLORISTS' MANUAL.

The only fault to be found with it is when you get reading it the midnight oil is liable to run low and you have to go on to gas or reluctantly break off, either going to bed or first taking a look over the houses to see if the temperature tallies with the Manual. GEO. S. OSBORN.

Hartford, Conn.

Mr. Scott's superb work, "The Florists' Manual," was indeed worth waiting for. When compared with the amount of practical information it contains, the selling price, \$5.00, seems a mere bagatelle.

Oakland, Md. H. WEBER & SONS.

We are in receipt of "The Florists' Manual" by Mr. Scott and may say it is the right book for the florist, published at the right time. It is what we all need. BOBBINK & ATKINS.

Rutherford, N. J.

Manual to hand. Am well satisfied that it is the best work of its kind ever published.

JAS. HARTSHORNE.

Joliet, Ill.

I am greatly pleased with the Manual. C. J. REARDON.

Lake Geneva, Wis.

Am much pleased with the Manual. It is just what I have been looking for. Something that we can understand, and enjoy reading.

M. NAUMAN.

Etna, Pa.

Enclosed find \$5.00 in payment for the copy of the Florists' Manual. No progressive florist, old or young, can afford to be without the Florists' Manual. The old florist needs it, for reference, to aid a defective memory, and the young florist wants it as a guide in this progressive era of the florist's business. J. T. TEMPLE.

Davenport, Ia.

NORTHAMPTON, MASS.

The annual chrysanthemum show of the Northampton Hort. Society was held Nov. 9 and 10. It was one of the largest and most varied displays yet made by the society.

The principal exhibitors were A. Parks, H. W. Field, Donald McGregor, E. J. Canning, G. W. Thorniley, E. D. Shaw and R. B. Graves.

ANDOVER, MASS.

The annual exhibition of the Andover Florists' and Gardeners' Club was very successful, much more interest than usual being taken by the public.

The principal prize-winners in the various classes were, J. H. Playdon, G. D. Millett, Geo. Piddington, W. M. Wood (Carl Linguist, gardener), Col. Ripley, John Nice, H. H. Tyer and E. P. Chapin.

THE FLORISTS' MANUAL

By WILLIAM SCOTT.

A Complete Reference Book for Commercial Florists. Over 200 large pages. Handsomely illustrated. Following is a list of the subjects covered:

Abutilon	Bouvardia	Eucharis	Lantana	Poinsettia
Acacia	Bromeliads	Eupatorium	Lapageria	Potting
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Acanthopanax	Bulbs		Libonia	
Acer japonicum	Caladium	Ferns	Lilium	Rhododendron
Achillea	Calamus	Fertilizers and Manures	Lily of the Valley	Richardia Africana
Achimenes	Calceolaria	Ficus	Linum trigynum	Ricinus
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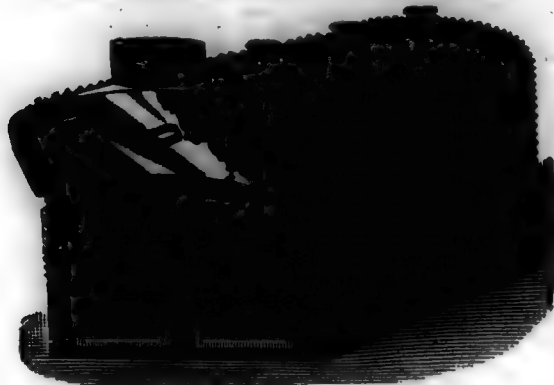
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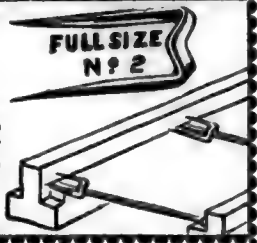
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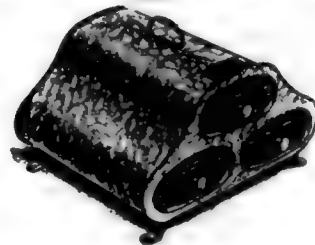
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THE WEEKLY FLORISTS REVIEW

FLORISTS' PUBLISHING CO., 520-535 Caxton Building, CHICAGO.

Vol. V.

CHICAGO AND NEW YORK, DECEMBER 7, 1899.

No. 106.

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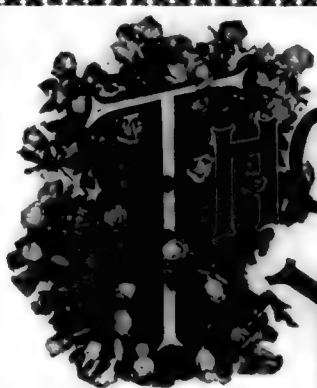
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THE RETAIL FLORIST

Odds and Ends.

New York floral artists have already commenced their Christmas displays. This week the Broadway windows are made gloriously brilliant with great masses of poinsettias. As we stated last week great quantities of these flowers have been grown this season and they promise to be the leading feature in all forms of decorative work this Christmas. The color is grand, but be careful what is near. If you use them in your window no other flowers should be there. A fringe of Farleyense or cuneatum or a frame of holly, mistletoe or light colored asparagus will set them off to best advantage.

Poinsettias last Christmas retailed cut at 50 to 75 cents, on the plant at \$1 each flower. They may be cheaper this year, but we see no good reason why they should. People are willing to pay a good price for well grown stock, but of course some folks seem to live only to cut prices, and we have to stoop to recognize their acts once in a while.

Holly festoons have appeared in the windows. The quality is nothing extra, and perhaps it's just a little premature to use it so soon; people get tired of looking at the same thing for almost a month; wait till you get an extra fine case and then put it where and how it will show up best. Although we believe every window dresser should show his best all the time, the window from two weeks before Christmas should exhibit his greatest skill. Mind you, it isn't always quantity that tells, it's beauty and adaptability which usually commands the most attention. You will notice how the dry goods houses make special displays and draw the greatest crowds where dolls and knick-knacks are shown, but there is a large class who will not notice such a window but will stand where the mantles and bonnets are.

Some of you will probably have waterfalls and rocky scenery in your windows and the crowd will stand to admire, but the class whose money you want like to see something they can purchase. We notice with pleasure the appearance of some very fine baskets of flowers in the Broadway windows

lately. Yesterday Thorley showed an immense basket of Lillium Harrisii. The high handle was trimmed with light blue ribbon. The effect was very good; keep it in mind for Easter. Small's arranged a pretty basket with light Adiantum gracillimum and Cypripedium insigne, large bows of green gauze ribbon on side and top of basket handle; it looked light and dainty. Stumpp has a very artistically arranged window of Japanese trained trees.

Some of the florists are making displays of white porcelain swans. They may come into favor again this season, having been out of the market for many years; they were all the rage eight or ten years ago, and don't look bad if made up properly and arranged on fringed mirrors, but dry goods fakeum company are selling them filled with ferns for a few cents.

By the way, the New York Herald is hammering the municipal authorities for permitting street fakirs to build florists' shops under elevated railroad steps and paying no rent for same. We second the motion. Any element injurious to the retailer who pays high and is an American citizen can get no sympathy from us; drive the pests into some other and more suitable line.

Whilst we are discussing street vendors, we have seen many changes among them in New York the past fifteen years. Then they were Jews, eight or ten years ago a company of girls was started and an occasional Frenchman crept in, then suddenly the Greeks came and captured Manhattan Isle; their dirty paws maul its roses still.

An interesting letter from Mexico tells us that flowers such as roses, lilies, violets, etc., can be had in abundance all the year around. The principal market is around the Cathedral in the City of Mexico. The flowers are very artistically arranged in loose bunches and are sold for 25 cents per bunch; \$1 will fill many vases with fine flowers. A great many flowers are used at funerals, the caskets usually being covered with them. Wreaths are the most popular design; a 24-inch pansy wreath can often be had for \$1. The floral artists and retailers in the

City of Mexico are boys and men; in several other cities, however, notably Guadalajara, little girls sell the flowers on the streets; they have no set price, anyone buying a buttonhole or cluster pays what he or she wishes. Though certain native fancies are largely used in most of the work, still much of it is very beautiful. We hope soon to be able to give you illustrations of floral art from every country, and you will not be ashamed of our own.

Velvet ribbons are costly, but they are being used by a few of the florists. Violets are tied with velvet ribbon; with fringes some of them look dressy. Velvet ribbon is excellent for extra fine flowers only. If you can get the right shade of color it makes cattleyas, etc., look very fine. We don't care for the fringe; there's too much of the dressed dollism about it, but there is a luster and richness about these new ribbons which, if properly used, will add much to your work. All grades of self-colored ribbons are advancing in price; at one time this season there were over \$20,000,000 worth of ribbons in stock among the New York dealers; they have stopped the manufacture of many brands.

What a revolution there has been in the basket trade the past decade or two. First they were made of wheat and spills, then rushes, afterwards willow, and again celluloid, then raffia. Now our finest baskets are gems of art and are made of green luffa with varnished palm stalks for embellishment. They look fine in the window and one or two will make your store look better, but beware of the customer who wants your best one filled for a few dollars.

Remember cards and envelopes are small items, but they are mighty important. Get the best quality you can and have them neatly placed on the desk intended for customers to write on.

Most florists are busy now fixing up the red immortelle stars they made in summer months, or are working nights making new ones. There's going to be lots of them used in wreaths this year; have them well made and use the berry red immortelle; it is a better color than the ordinary red. Luffa stars are no good; they spoil the cheapest wreath. If you want extra fine wreaths you must make them up yourself. Some fairly good ones can be had on the market; they're all right for cheap trade, but you will sell lots of the better ones if you show them to advantage.

Ardisias are fine around New York this time; with red or green pot covers and a bit of berry red ribbon, they promise to be good sellers.

If you are foolish enough to harbor any trash around your place, throw it out of sight for the present and let nothing be seen but good, salable stock.

Pyramid shaped box trees have become quite popular for exterior decoration in New York.

IVERA.

CHRYSANTHEMUMS

CHRYSANTHEMUM RUST.

Through the courtesy of Prof. Byron D. Halsted, of the New Jersey Agricultural Experiment Station, we have received his circulars with description of and possible remedy for the chrysanthemum rust. How widely this circular has been distributed we are not aware, but it is timely and valuable, and the kind of fruit that it is pleasing to see our experiment stations produce.

The exact species of fungus that produces the rust is not determined, nor is it of great consequence to us how long and crooked its name if we can only fight it successfully. Prof. Halsted says that it first came to his notice in October, 1897. We are sorry to say that we have been troubled with it at least six years. We first thought it was encouraged by a close and rather dark house, and are not sure yet but what that aggravated the trouble. Still when Golden Wedding was tried the following year in a particularly light house with abundance of ventilation, the rust again appeared and ruined the crop.

We have noticed it on several varieties, while on some, notably Ivory, in the same house we have never seen a sign of it. We have seen it destroy a batch of Philadelphia, while by a clearly defined line the variety next to it was left unharmed.

The bronzed appearance of the under part of the leaf and its tendency to crack instead of bend is a very sure evidence of the rust. Like the carnation rust, which has largely disappeared even on Daybreak, a variety that was during the epidemic the worst infested, it appears to be already passing away, for this year on the same place among twenty-five varieties, we only noticed it on a few Golden Wedding and the attack came so late it did little harm. Prof. Cowell, of our Botanic Garden, told me three years ago that he was sure that with the application of Bordeaux mixture syringed on the foliage he had arrested the rust and that subsequent growth was healthy and clean, and seeing the plants in flowering time I can vouch for the above, as I saw the finely developed flowers.

Last year I propagated Golden Wedding from stock that had a bad attack of rust. When about a foot high in three-inch pots the plants began to show the rust. After being planted out and thoroughly syringed with the ammoniacal mixture the remainder of the growth was perfectly healthy, so I am inclined to think that these remedies are a sure preventive of this troublesome fungus. And when propa-

gating the chrysanthemums it would be well to dip the cuttings for a few moments in the ammoniacal or Bordeaux liquid before and after putting them in the sand. You never can get at them so thoroughly with the syringe and the labor and cost of giving them a dip is nothing. The varieties I have seen most troubled with the rust are the glorious Golden Wedding, Emily Henderson, Philadelphia, G. W. Childs and several varieties that we had to discard because they were no good and rusty into the bargain.

WM. SCOTT.

(We print below the circular referred to by Mr. Scott.—Ed.)

Outbreak of Chrysanthemum Rust.

During the past month there have been many complaints concerning a destructive disease among chrysanthemums. It is none of the various blights, more or less common to the chrysanthemum, but one of the genuine rusts, and closely related to those of the hollyhock, carnation and asparagus, which have come to us within the past few years with disastrous results.

General Appearance of the Chrysanthemum Rust—When badly infested with the rust, the chrysanthemum plant becomes dwarfed, the leaves small, and brown on the under side. Later on, instead of the green color of healthy plants, there are the small, stiff, nearly leafless stems, ending in stunted heads, that fail to open into marketable flowers. Over all the lower portions of the plant is a brown powder, as if they had been sprinkled with tobacco dust.

Close View of the Rust—Rusted chrysanthemum plants, when closely examined, are found to have on the under surface of the leaves brown spots or blister-patches, slightly raised, and covered with a dust that readily rubs off. Such leaves are more or less irregularly discolored, so that the presence of the rust may be detected by the coloration of the leaf, as seen from above.

Nature of the Chrysanthemum Rust—The rust in question is due to a fungus, as before stated, which is probably *Puccinia Hieracii*, Mart. As yet, however, the form of spore for a full determination has not been observed upon the American plants. The fungus consists of microscopic threads which grow through the substance of the chrysanthemum plant, feeding upon its juices, and finally breaking out through leaf or stem, bear the innumerable brown spores that give the dark color to the affected parts. These spores are borne by the winds, or driven by the water from the hose, to other plants, where they germinate quickly and spread the disease.

Treatment—The chrysanthemum rust has been known in this country for only a few years, it having come first to the writer's attention in October, 1897, and therefore experience with remedial measures is here quite limited. We may, however, profit from the treatment it has received in Europe. One English grower, who doubtless is writing out of his sad experience, says: "Every gardener should be careful where he obtains cuttings and plants, otherwise he may quite unwittingly introduce the rust into his collection." It is of prime importance that the stock used for propagation be free from the disease and all purchased plants likewise. In addition, the plants in all stages of growth, from the beginning, should be sprayed weekly with Bordeaux mixture, or other equally effective fungicide. The rust should be watched for upon the older leaves, and when first met with all foliage showing the least signs of rust should be destroyed. If the disease increases, it may be best to burn the whole lot, fumigate the premises, and start anew with fresh, clean stock.

This is an enemy that has proved its ability to strike a death blow, and it should be

watched for, and, when found, destroyed. It may be that some varieties of chrysanthemums are not easily attacked, and these are to be looked for and made use of accordingly.

There is no danger, as some have feared, of this rust spreading to carnations or other plants outside of the chrysanthemum group. It does attack some of our wild plants, and it is barely possible it came from them to the chrysanthemum.

BYRON D. HALSTED, Botanist.
Experiment Station, New Brunswick, N. J.,
November 15, 1899.

HEIGHT OF CHRYSANTHEMUMS.

What is the actual height of the following mums planted out June 5, single stem, one flower to a stem, grown for cut flower trade, 8 inches between rows and 10 inches apart in the row: Ivory, Mayflower, Philadelphia, Bonnaffon, W. H. Chadwick, Robinson, Maud Dean, Florence Pullman?

H. C. H.

In reply to above would say that several things have to be considered. Season is one. If the terminal bud is taken it means a foot to eighteen inches more than if the crown bud is taken. As generally grown, unless planted in very rich soil, they would run about as follows:

Ivory and Bonnaffon, 2 feet to 30 inches; Maud Dean and Philadelphia, 2½ to 3 feet; Pullman and Robinson, 3½ to 4 feet; Mayflower, 4 feet; Chadwick, 4 feet on late bud.

This would be in a modern house with good light and ventilation.

BRIAN BORU.

CHRYSANTHEMUM SOCIETY OF AMERICA.

Work of the Committees.

BOSTON.—Nathan Smith & Son, Adrian, Mich., showed *Stellata*, which scored 97 points by both scales. Also white *Bonnaffon*, which scored commercial scale 87 points.

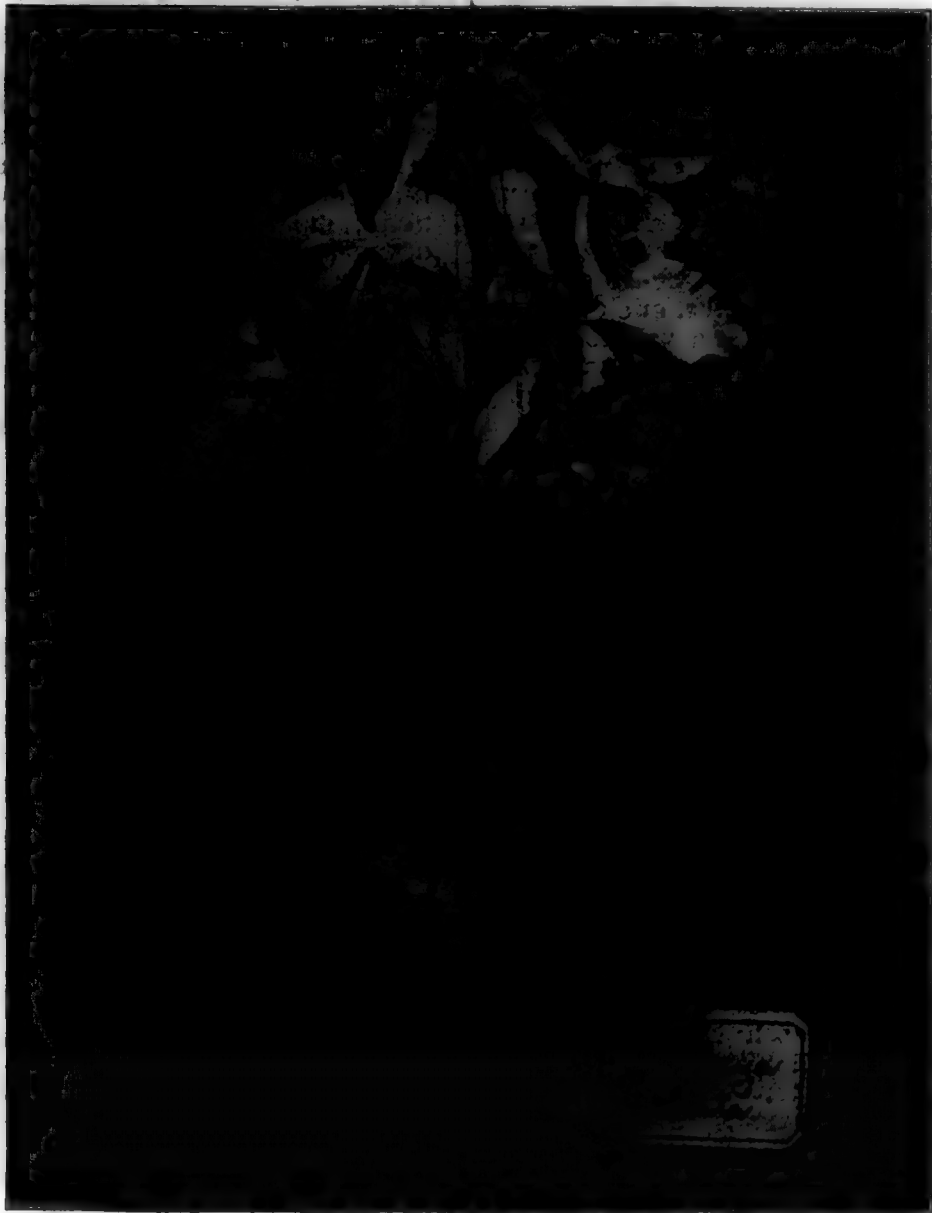
ELMER D. SMITH, Sec'y.

WOOD ASHES AND NITRATE OF SODA.

Kindly inform me the amount of nitrate of soda you would consider sufficient to cover a bed of carnations 6x100. If put on with wood ashes, how much of the ashes should be used with soda to cover above bench and how often should soda be used as a fertilizer? I have used soda with different results and I would like to get reliable instructions. Our soil is a good light sod soil, and carnations do very well in it.

F. D. R.

My experience with nitrate of soda in the mineral form on carnation benches has been most disastrous. Putting perhaps 2 lbs. (not more) on a piece of bench about 8x7 and thoroughly mixing it with the soil, which was 5 inches deep, and then planting the carnations, it killed most every plant. This was an experiment, and as the remainder of a long bed had no soda and the plants lived and flourished, we know it was nothing but



Cattleya Labiata, grown by Frank Bros.

the soda. Have heard others say it should be always used in solution; 1 lb. to 50 gallons of water is safe and beneficial, and at this strength you could apply it at every alternate watering.

For a top dressing to a carnation bed a sprinkling of wood ashes is beneficial, but I would prefer bone meal. Wood ashes, one of the very best of all fertilizers, should be mixed with the soil before planting; 1 peck to a yard of soil is about right.

WM. SCOTT.

CATTLEYA LABIATA.

We present herewith an engraving of a plant of *Cattleya labiata* as grown by Messrs. Frank Bros., Beardstown, Ill. The plant bears nine flowers on two leads.

It is interesting as showing what can be done by a commercial florist having a general stock and with no special facilities for orchid growing.

In response to an inquiry Messrs. Frank Bros. write: "We grow the cattleyas in a fern house, a lean-to with eastern aspect. Day temperature 80 to 85 degrees, and 60 to 65 degrees at night. No artificial shading is required as the house is glazed with

heavy ribbed glass. Bottom and top ventilators are kept open day and night as long as weather permits.

"The floor and benches are damped down three times a day, and once a week with liquid manure to produce sufficient ammonia. The orchids are watered with settled rain water.

"As soon as growth is finished we remove them to the rose house, exposed to the full sunlight to ripen off the pseudo-bulbs, which is the main essential to induce the plants to bloom.

"We have about 25 cattleyas, mainly *Trianae*, *Percivalliana*, *Gigas* and *labiata*; also *Laelia anceps*, *Coelogyne cristata*, *Sophranites grandiflora* and a few *cypripediums*. All are doing finely with us. We grow these orchids more for pleasure than for profit."

COLD vs. WARM WATER.

The results secured at this station last winter in using water of different temperatures in watering plants do not agree in all particulars with those reported by the Wisconsin Experiment Station. Plants under glass were used only. The results of our experiments may be summarized as follows:

1. There was practically no differ-

ence in the results secured by the use of water between 45 and 75 degrees.

2. Water at temperatures between 32 and 34 degrees had a distinct dwarfing effect upon all plants treated.

3. Water at temperatures between 75 and 100 degrees caused a weak and somewhat spindling growth.

4. Hardy plants like geraniums were less influenced by cold water than tender plants like coleus.

5. The best geranium plants were grown by the use of water near the freezing point, while the poorest coleus were produced by the same temperature.

I am not prepared to say that there is "nothing in" this watering business.

JOHN CRAIG.

Iowa Agricultural College.

AMONG BROOKLYN GROWERS.

What They Will Have for Christmas.

Brooklyn and Bay Ridge are now part of Greater New York, but it will be many years yet before their peculiar localisms, especially floriculturally speaking, shall be obliterated. Getting off the cars at Sixty-fifth street, the "old timer" may stand in a wreath of memories as he watches horses browse over the dilapidated spot where "once upon a time" the finest of plants were grown and yonder stood James Dean's house of generosity and countless friendships.

Across the lots is J. M. Keller's extensive range of greenhouses, and here as usual there is an abundance of stock in the best of condition. It is our motive to see what is being grown for Christmas. Here we saw a lovely living picture in the form of a batch of begonia *Gloire de Lorraine*. Small orange trees are well fruited and richly colored. *Ardisias* are grand. *Ericas*, daisies, azaleas, poinsettias, *cypripediums* and *dendrobiums* are promising well. Among azaleas Simon Mardner will be the best one for Christmas. The immense amount of stock intended for Easter is in the best of shape. Mr. Keller has stopped growing small ferns because they didn't pay for the trouble.

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CHRYSANTHEMUM RUST.

Through the courtesy of Prof. Byron D. Halsted, of the New Jersey Agricultural Experiment Station, we have received his circular with description of and possible remedy for the chrysanthemum rust. How widely this circular has been distributed we are not aware, but it is timely and valuable, and the kind of fruit that it is pleasing to see our experiment stations produce.

The exact species of fungus that produces the rust is not determined, nor is it of great consequence to us how long and crooked its name if we can only fight it successfully. Prof. Halsted says that it first came to his notice in October, 1897. We are sorry to say that we have been troubled with it at least six years. We first thought it was encouraged by a close and rather dark house, and are not sure yet but what that aggravated the trouble. Still when Golden Wedding was tried the following year in a particularly light house with abundance of ventilation, the rust again appeared and ruined the crop.

We have noticed it on several varieties, while on some, notably Ivory, in the same house we have never seen a sign of it. We have seen it destroy a batch of Philadelphia, while by a clearly defined line the variety next to it was left unharmed.

The bronzed appearance of the under part of the leaf and its tendency to crack instead of bend is a very sure evidence of the rust. Like the carnation rust, which has largely disappeared even on Daybreak, a variety that was during the epidemic the worst infested, it appears to be already passing away, for this year on the same place among twenty-five varieties, we only noticed it on a few Golden Wedding and the attack came so late it did little harm. Prof. Cowell, of our Botanic Garden, told me three years ago that he was sure that with the application of Bordeaux mixture syringed on the foliage he had arrested the rust and that subsequent growth was healthy and clean, and seeing the plants in flowering time I can vouch for the above, as I saw the finely developed flowers.

Last year I propagated Golden Wedding from stock that had a bad attack of rust. When about a foot high in three-inch pots the plants began to show the rust. After being planted out and thoroughly syringed with the ammoniacal mixture the remainder of the growth was perfectly healthy, so I am inclined to think that these remedies are a sure preventive of this troublesome fungus. And when propa-

gating the chrysanthemums it would be well to dip the cuttings for a few moments in the ammoniacal or Bordeaux liquid before and after putting them in the sand. You never can get at them so thoroughly with the syringe and the labor and cost of giving them a dip is nothing. The varieties I have seen most troubled with the rust are the glorious Golden Wedding, Emily Henderson, Philadelphia, G. W. Childs and several varieties that we had to discard because they were no good and rusty into the bargain.

WM. SCOTT.

(We print below the circular referred to by Mr. Scott.—Ed.)

Outbreak of Chrysanthemum Rust.

During the past month there have been many complaints concerning a destructive disease among chrysanthemums. It is none of the various blights, more or less common to the chrysanthemum, but one of the genuine rusts, and closely related to those of the hollyhock, carnation and asparagus, which have come to us within the past few years with disastrous results.

General Appearance of the Chrysanthemum Rust.—When badly infested with the rust, the chrysanthemum plant becomes dwarfed, the leaves small, and brown on the under side. Later on, instead of the green color of healthy plants, there are the small, stiff, nearly leafless stems, ending in stunted heads, that fail to open into marketable flowers. Over all the lower portions of the plant is a brown powder, as if they had been sprinkled with tobacco dust.

Close View of the Rust.—Rusted chrysanthemum plants, when closely examined, are found to have on the under surface of the leaves brown spots or blister-patches, slightly raised, and covered with a dust that readily rubs off. Such leaves are more or less irregularly discolored, so that the presence of the rust may be detected by the coloration of the leaf, as seen from above.

Nature of the Chrysanthemum Rust.—The rust in question is due to a fungus, as before stated, which is probably *Puccinia Hieracii*, Mart. As yet, however, the form of spore for a full determination has not been observed upon the American plants. The fungus consists of microscopic threads which grow through the substance of the chrysanthemum plant, feeding upon its juices, and finally breaking out through leaf or stem, bear the innumerable brown spores that give the dark color to the affected parts. These spores are borne by the winds, or driven by the water from the hose, to other plants, where they germinate quickly and spread the disease.

Treatment.—The chrysanthemum rust has been known in this country for only a few years. It having come first to the writer's attention in October, 1897, and therefore experience with remedial measures is here quite limited. We may, however, profit from the treatment it has received in Europe. One English grower, who doubtless is writing out of his sad experience, says: "Every gardener should be careful where he obtains cuttings and plants, otherwise he may quite unwittingly introduce the rust into his collection." It is of prime importance that the stock used for propagation be free from the disease and all purchased plants likewise. In addition, the plants in all stages of growth, from the beginning, should be sprayed weekly with Bordeaux mixture, or other equally effective fungicide. The rust should be watched for upon the older leaves, and when first met with all foliage showing the least signs of rust should be destroyed. If the disease increases, it may be best to burn the whole lot, fumigate the premises, and start anew with fresh, clean stock.

This is an enemy that has proved its ability to strike a death blow, and it should be

watched for, and, when found, destroyed. It may be that some varieties of chrysanthemums are not easily attacked, and these are to be looked for and made use of accordingly. There is no danger, as some have feared, of this rust spreading to carnations or other plants outside of the chrysanthemum group. It does attack some of our wild plants, and it is barely possible it came from them to the chrysanthemum.

BYRON D. HALSTED, Botanist.
Experiment Station, New Brunswick, N. J.,
November 15, 1899.

HEIGHT OF CHRYSANTHEMUMS.

What is the actual height of the following mums planted out June 5, single stem, one flower to a stem, grown for cut flower trade, 8 inches between rows and 10 inches apart in the row: Ivory, Mayflower, Philadelphia, Bonnaffon, W. H. Chadwick, Robinson, Maud Dean, Florence Pullman?

H. C. H.

In reply to above would say that several things have to be considered. Season is one. If the terminal bud is taken it means a foot to eighteen inches more than if the crown bud is taken. As generally grown, unless planted in very rich soil, they would run about as follows:

Ivory and Bonnaffon, 2 feet to 30 inches; Maud Dean and Philadelphia, 2½ to 3 feet; Pullman and Robinson, 3½ to 4 feet; Mayflower, 4 feet; Chadwick, 4 feet on late bud.

This would be in a modern house with good light and ventilation.

BRIAN BORU.

CHRYSANTHEMUM SOCIETY OF AMERICA.

Work of the Committees.

BOSTON.—Nathan Smith & Son, Adrian, Mich., showed *Stellata*, which scored 97 points by both scales. Also white Bonnaffon, which scored commercial scale 87 points.

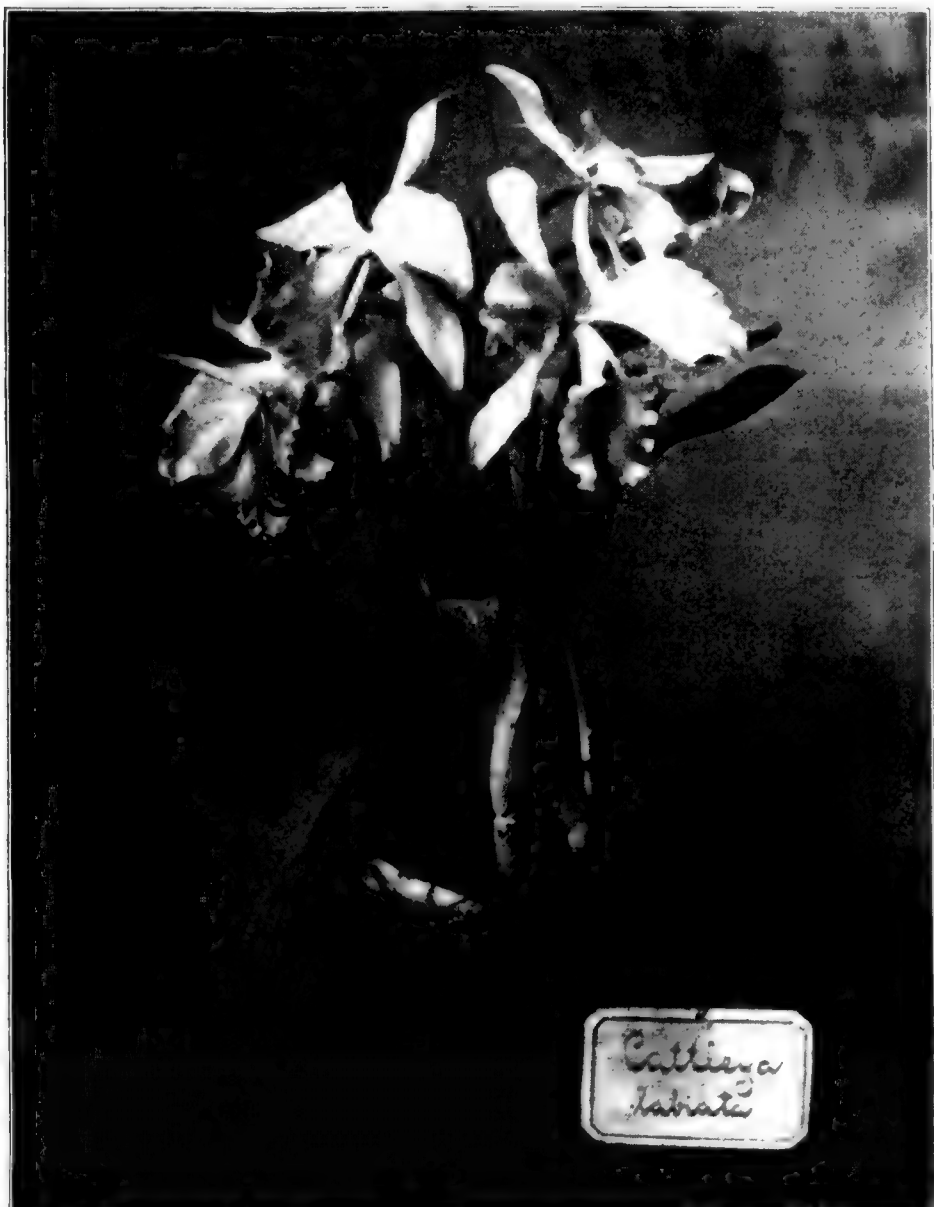
ELMER D. SMITH, Sec'y.

WOOD ASHES AND NITRATE OF SODA.

Kindly inform me the amount of nitrate of soda you would consider sufficient to cover a bed of carnations 6x100. If put on with wood ashes, how much of the ashes should be used with soda to cover above bench and how often should soda be used as a fertilizer? I have used soda with different results and I would like to get reliable instructions. Our soil is a good light sod soil, and carnations do very well in it.

F. D. R.

My experience with nitrate of soda in the mineral form on carnation benches has been most disastrous. Putting perhaps 2 lbs. (not more) on a piece of bench about 8x7 and thoroughly mixing it with the soil, which was 5 inches deep, and then planting the carnations, it killed most every plant. This was an experiment, and as the remainder of a long bed had no soda and the plants lived and flourished, we know it was nothing but



Cattleya Labiata, grown by Frank Bros.

the soda. Have heard others say it should be always used in solution; 1 lb. to 50 gallons of water is safe and beneficial, and at this strength you could apply it at every alternate watering.

For a top dressing to a carnation bed a sprinkling of wood ashes is beneficial, but I would prefer bone meal. Wood ashes, one of the very best of all fertilizers, should be mixed with the soil before planting; 1 peck to a yard of soil is about right.

WM. SCOTT.

CATTLEYA LABIATA.

We present herewith an engraving of a plant of *Cattleya labiata* as grown by Messrs. Frank Bros., Beardstown, Ill. The plant bears nine flowers on two leads.

It is interesting as showing what can be done by a commercial florist having a general stock and with no special facilities for orchid growing.

In response to an inquiry Messrs. Frank Bros. write: "We grow the cattleyas in a fern house, a lean-to with eastern aspect. Day temperature 80 to 85 degrees, and 60 to 65 degrees at night. No artificial shading is required as the house is glazed with

heavy ribbed glass. Bottom and top ventilators are kept open day and night as long as weather permits.

"The floor and benches are damped down three times a day, and once a week with liquid manure to produce sufficient ammonia. The orchids are watered with settled rain water.

"As soon as growth is finished we remove them to the rose house, exposed to the full sunlight to ripen off the pseudo-bulbs, which is the main essential to induce the plants to bloom.

"We have about 25 cattleyas, mainly *Trianae*, *Percivaliana*, *Gigas* and *labiata*; also *Laelia anceps*, *Coelogyne cristata*, *Sophranites grandiflora* and a few *cypripediums*. All are doing finely with us. We grow these orchids more for pleasure than for profit."

COLD vs. WARM WATER.

The results secured at this station last winter in using water of different temperatures in watering plants do not agree in all particulars with those reported by the Wisconsin Experiment Station. Plants under glass were used only. The results of our experiments may be summarized as follows:

1. There was practically no differ-

ence in the results secured by the use of water between 45 and 75 degrees.

2. Water at temperatures between 32 and 34 degrees had a distinct dwarfing effect upon all plants treated.

3. Water at temperatures between 75 and 100 degrees caused a weak and somewhat spindling growth.

4. Hardy plants like geraniums were less influenced by cold water than tender plants like coleus.

5. The best geranium plants were grown by the use of water near the freezing point, while the poorest coleus were produced by the same temperature.

I am not prepared to say that there is "nothing in" this watering business.

JOHN CRAIG.

Iowa Agricultural College.

AMONG BROOKLYN GROWERS.

What They Will Have for Christmas.

Brooklyn and Bay Ridge are now part of Greater New York, but it will be many years yet before their peculiar localisms, especially floriculturally speaking, shall be obliterated. Getting off the cars at Sixty-fifth street, the "old timer" may stand in a wreath of memories as he watches horses browse over the dilapidated spot where "once upon a time" the finest of plants were grown and yonder stood James Dean's house of generosity and countless friendships.

Across the lots is J. M. Keller's extensive range of greenhouses, and here as usual there is an abundance of stock in the best of condition. It is our motive to see what is being grown for Christmas. Here we saw a lovely living picture in the form of a batch of begonia *Gloire de Lorraine*. Small orange trees are well fruited and richly colored. *Ardisias* are grand. *Ericas*, daisies, azaleas, poinsettias, *cypripediums* and *dendrobiums* are promising well. Among azaleas Simon Mardner will be the best one for Christmas. The immense amount of stock intended for Easter is in the best of shape. Mr. Keller has stopped growing small ferns because they didn't pay for the trouble.

Just a block away is one of the old homesteads of New York floriculture, James Weir's Sons' place. Here were grown some of the first roses (*Bon Silene* and *Safrano*) for the New York market, aye, and tuberoses, too, when to cut a stalk full of bloom was a sacred ceremony, and single florets brought as high as 4 and 5 cents wholesale. Camellias also were worth their weight in precious metal. These very same plants are full of bloom today; having passed through the era of scorn, they are again destined to shine in popularity. Plants and flowers of every kind suitable for the retail market are extensively grown here. Specially grown mums have not been so large a feature as in former years, but several houses have been devoted to these flowers, grown in bush form, for funeral work and decorative purposes. A section of Newitt, a large white va-

riety, was the best late one seen here. A house containing many thousands of *Lilium Harrisii* was being pushed for Christmas; they are the best and freest from disease we've seen this season.

A house of poinsettias is a picture worth going to see. They are growing here in several ways. Many are grown successfully in pans, intended for table decoration, and are in bloom from 6 inches to 12 inches high, six in a pan. The ones growing planted out on the bench are the best in foliage and bloom. *Asparagus plumosus* is a feature. A house planted in July with two-year-old pot plants which had been retarded has already grown two crops of long vines. Go and see their house of *cuneatum*! Ferns and ivy seem to be grown by the hundreds of thousands, and the enormous quantity of stock grown here is only a small portion of what is sold in the retail establishment presided over by the genial Johnnie Weir.

Henry A. Molatsch grows cut flowers for the Brooklyn market. Carnations are one of his specialties. His Flora Hills are in bad condition with the disease peculiar to that variety. A bench of his new scarlet carnation is in the best of condition and showing a fine crop. This carnation, which is not yet disseminated, is by its appearance here a great improvement on many of the reds we know. Among a bench of seedlings are many which promise much in the future. Mr. Molatsch is an extensive grower of sweet peas. He has his winter crop growing in pots outdoors. When his mums are over he plants these peas out, covers them with salt hay and starts firing in January. The varieties he forces are Blanche Ferry, Emily Henderson, Countess of Radnor and Catherine Tracy.

Greenwood cemetery is surrounded by florists. They are in bunches everywhere and all seem to be thriving. Many of their places are like old curiosity shops, miniature botanical gardens. Along Fort Hamilton avenue there are acres of glass. James Weir recently added several new houses to his already immense plant. Here everything that is good for either cut flower or cemetery planting is grown on a large scale.

Across the street is John Condon, who has also had built a beautiful new show house and office. Genial P. Keenan is in charge here. Mr. Keenan is well known as a successful raiser of new chrysanthemums. Many of the best grown around New York have originated with him. Bedding plants are grown by the numberless count; they put out in geraniums alone nearly 70,000 plants. Mr. Keenan says Summit is their best scarlet, Sherman the best dark, and La Favorite the best white. Eighty thousand pansies are now in frames ready for spring planting. Beaconsfield is the great favorite, and a beautiful and appropriate color it is, too, for cemetery work. A

house of Jacqueminots planted eight years ago is one of the wonders. Of course the sash has been off all summer. The growth is fine; this will be tied down and the house got ready to have them in bloom for Easter.

As in all other places around the cemetery all the cut flowers grown, and more besides, are retailed on the premises. A vast quantity is being forced for Christmas. A house of poinsettias, another of callas, one of *Stevia compacta* is elegant and valuable, others of carnations. Mr. Keenan says Flora Hill has paid them best among the whites this year. A bench of a new light pink carnation raised on the place is a grand sight; the crop is immense, the color after the style of Dana, perhaps a little brighter, and the stem and growth are all that can be wished for. Here also can be seen about the best carnation support we have seen. It does not choke the plant and bring on disease as some do, but permits the plants their natural aspect; it can be folded up into small space when not in use.

At Anthony Wollmer's business was reported good. Mr. Wollmer has raised two geraniums, one a double scarlet, the other a rosy red, which he claims gave him more satisfaction than all others.

At Schanley's, Krombach's and all the other places here there is more or less specialty, each having a pet or favorite, and all bitterly complaining about the red tape of the cemetery authorities in regard to the decoration of graves. The restrictions put upon the planting of shrubs have greatly injured that trade.

Ed Wolz is gardener for E. W. Bliss, the man who supplied the government with the materials which sent the late Spaniards to heaven. His beautiful place at Bay Ridge is well worth a visit. Almost everything is grown here in a way to excite enthusiasm, every inch of space is utilized. The mushrooms under benches are in fine condition. His dwarf Champion tomatoes are elegant, whilst the flowers and plants would shame those on many a tradesman's place.

Everybody here knows Adolf Welsing, and if they don't it's their misfortune. There isn't much that's new in Europe or America that misses him, and there's always something novel to be seen in his overcrowded houses. Asked for his opinions on the chrysanthemums this year, Mr. Welsing's choices are: Whites—Robinson, Woodford, Ryerson and Weeks; Yellows—Australian Gold, Roosevelt, Golden Wedding, T. L. Park and Appleton. Crimson—Admiral Schley, Childs, Shrimpton and Cullingfordii; Pink—Morel, Perrin, P. Ivory, Glory Pacific.

Wm. S. Rennie is in charge of Mrs. Chas. Pratt's place. Lord & Burnham have but recently rebuilt the beautiful range of houses. A general collection of fine cut flowers and decorative plants can always be seen here. Chrysanthemums have been a splendid fea-

ture. Mr. Rennie's best varieties this season were: T. L. Park, Black Hawk, J. W. Goff, Waban, Lieut. Hobson, Roosevelt, Cornell and Barrington.

To sum up the Christmas flowers and plants among growers here, there will be more poinsettias than ever; lilies, doubtful quantity; roses in pots, none; daisies, plentiful; ardisias and oranges, fair supply; cypripediums, plenty; azalea, doubtful quantity; ericas, plenty; fair supply of decorative plants.

J. I. DONLAN.

BUFFALO.

Thanksgiving Day Trade.

Thanksgiving trade was good, better than ever, but the oft repeated inquiry, "Have you any violets?" and the reply, "No, sir, we have not, I am sorry to say," became monotonous. Roses were all right, though none too plentiful, and American Beauty put on very aristocratic airs; eight and nine dollars a dozen retail produces nervousness in the asking and sourness in the paying, and yet they are worth every cent of it if you are going to get paid for your houses and labor.

Carnations were also in great demand, and many more could have been sold. But it was violets that were mostly missed. It is evident the crop is off, not here alone, but throughout the country. What is the cause? We believe that a very warm spell in October is the cause. It forced out the flowers in great quantity and the plants have since taken a rest. We know one place where they were picking twelve hundred a day seven weeks ago, and now they are picking the twelve without the hundreds. I believe they will be more plentiful at Christmas.

There is every reason to believe that the coming social season will be much gayer than for several seasons past. We can stand it.

Various Items.

Mr. C. D. Zimmerman has opened a very nice floral depot on West Chippewa St., a great thoroughfare. It is a greenhouse about 30x20 with a well appointed store office. It is a good move. A mammoth floral turkey some 8 feet high and 9 feet long was his Thanksgiving novelty. Body of galax leaves and wings and tail of cycas leaves. It must have been a good imitation, for I heard one hungry man say that next to sitting down to a fat turkey he liked to look at that one.

Mr. King is sojourning here laying down the great merit of Nicholson's Dictionary of Gardening, and he finds a few who can afford to buy it.

The fall weather has been particularly favorable to the work on the Pan-American. The service or administration building is complete. The drainage and sewerage is done. Much heavy grading is accomplished and a large lot of trees and shrubs have been purchased and are on the ground. We

have more confidence than ever that these 300 or 400 acres will be a wonderful place in 1901. W. S.

WANTED ON CRIMINAL CHARGE.

Otto Schubert (who sometimes goes under the name of Otto Swartz) is wanted at Crestline, Ohio, on a charge of obtaining money under false pretenses. He was in the employ of Nicholas Amos, the florist, whose place he left Oct. 20th, and he is charged with taking \$100 belonging to Mr. Amos and \$500 belonging to another man. A warrant has been issued for his arrest. A liberal reward is offered for his apprehension. Following is his description:

He is a man about 40 years of age, height about 5 feet 6. Sandy complexion, hair gray and sandy mixed, short and thin; very light blue-gray eyes, the left eyeball slightly everted; bad teeth, and is perhaps without a mustache. He is very active, quick and jerky in movement and speech. Speaks good German but broken English.

When last seen wore a gray suit, a light gray overcoat with brown velvet collar, brown stiff hat and black shoes. He carried a large tan valise, which no doubt contained a black suit and black soft hat, which he took with him. He is an inveterate smoker.

Send all communications to Frank Miller, mayor of Crestline, Ohio.

BOSTON.

A hard fought, bloodless and perfectly successful revolution has taken place in the flower business of this noted borough. From a time of the most generous plenty, and small demand, to a period of the scantiest supply and a royal call for the goods all in one week is the record. Prices flew up like the gallant boys in blue at the hill of San Juan. The forward movement began four or five days before Thanksgiving and even now the man who charges the most is still considered the bravest. The co-operative market is of course the most active battlefield, as here the forces meet face to face in large numbers.

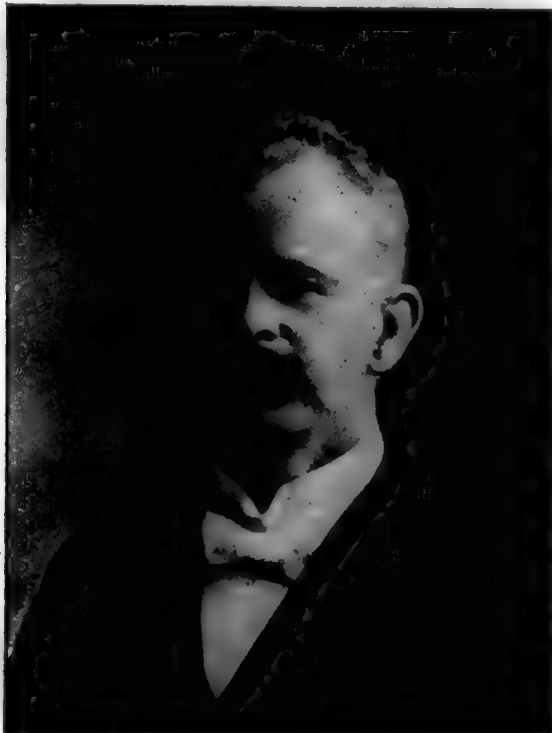
Chrysanthemum artillery scarce and of light bore at \$1.50 and \$2 per doz.; roses, fairly good ones from \$1 to \$2, and smaller ones at the top of the salesman's conscience; pinks, 3 to 6 cents, and quality not guaranteed; violets, \$1.50 per 100 and more, and very bashful at that. Some few bulb goods now arriving and the usual variety, but not quantity, of other flowers and all selling great. Who would not a florist be? And the weather clerk is reeling us off fine summer weather by the web.

The heroic driver who takes the florist and his box from the station to the market with early dispatch and who can be depended upon to be at his post through thick and thin, is considered one of his best men, as they are really hard to find. So the news that one of the most reliable of the few utilized

was killed by accident the day before Thanksgiving has called forth many expressions of regret. His horse fell upon the poor fellow twice, causing internal injuries from which he died a day or two later.

It seems Thomas Galvin is an expansionist all right. He has annexed the store adjoining his old store on Tremont street for a permanent thing, the story goes.

One of the most sensible ideas of the Massachusetts Horticultural Society is that of offering prizes to school chil-



Otto Schubert.

For whose apprehension a reward is offered.

dren for collections of pressed flowers, etc. Their exhibition of the same last week was very interesting as well as highly instructive. Both halls were full of tables covered with them, each mounted upon cardboard upon which is written the formula required by the society. Of course the knowledge gained by the pupil in making out this formula is the main thing aimed at.

J. W. Howard, for many years identified with the seed and bulb business of the city and for eight or ten years occupying a very responsible position with W. W. Rawson, has relinquished his position to attend entirely to his rapidly growing floral trade at his Somerville and Charlestown stores. He will not need any best wishes. B. T.

NEW YORK.

All branches of the business expect an extra fine Christmas trade. Plantmen are sanguine, cut flower men are jubilant, all other varieties are expectant. What's the use of grumbling? Grow good stock, handle it properly, the public does the rest.

Holly and mistletoe (that is, good stock) have not put in an appearance yet. Cargoes are looked for this week. Prices are not quoted on mistletoe un-

til we see what it's like. As to prices on cut flowers just now—well, whistle and wink; we'll give you them next week and later.

The Florists' Club will meet on Monday evening, Dec. 11th. Election of officers will take place and if you have anything extra fine, novel, or new in plant or flower bring it along.

The New York Gardeners' Society will meet at the Grand Central Palace, Forty-third street and Lexington avenue, at 8 p. m., Saturday, Dec. 9th. Officers for the ensuing year will be elected at this meeting, and new plants or flowers from any source will receive careful and considerate attention.

We speak thus of both the meetings because we know there are many fine new flowers in the country which ought to be shown at such meetings. The press prefers to encourage advance in horticulture than displays of oratory or definitions of parliamentary laws. Make the meetings educational—interesting.

J. N. Gallatin and T. W. Satterthwaite have opened a florist store at 491 Fifth avenue. This is two doors from Wadley & Smyth's floral establishment. Messrs. Gallatin & Satterthwaite have received quite a lot of advertising in the daily press, but—well, this is *The Florists' Review*; we can only look at honesty and art and appreciate both at their full value. We wish them success.

We were down to the law courts today and are fully conversant with a suit which has caused lots of unpleasantness in certain circles of our trade. Surely there is enough hard work and troubles in our business without resorting to law. We'd like the boys to shake hands and stand treat for the crowd; 'twould be better in results.

We are glad to be able to report that Mrs. A. S. Burns is quickly recovering from her severe illness.

At the bowling alleys, Dec. 4, the scores were:

F. Traendly	152	154	125	126
C. Schenck	157	114	153	166
T. Lang	169	138	144	118
A. Burns	151	181	136	164
J. Manda	156	132	167	132
W. Marshall	135	121	130	148
W. Siebrecht	125	122	114	121
C. Moody	102	135	111	164

J. I. D.

ST. LOUIS.

The Market.

A great scarcity of stock has prevailed all of the past week. Nearly every line of stock has been short and prices remained high during Thanksgiving week. Although the weather has been exceedingly fine for a week, there seems little prospect for much increase in the supply for a week or so. Chrysanthemums have almost entirely disappeared and have little demand. This accounts for the increased demand in other lines. Crops of both carnations and roses are off and a great many of the growers speak of having a full crop for the coming holidays.

Beauties took the lead for Thanksgiving day sales. This rose is always in demand nowadays for all occasions. Meteors are beginning to show that objectionable blue black color that makes most of this stock unsalable. Bridesmaids, too, are sadly off color and could hardly be used for pink roses. Brides and Perles are somewhat improved in quality.

Carnations are very stiff now, fancy stock brings \$5, and \$2 is the price for fair common. Bulb stock is in fine condition and is selling at the regular price for this time of the year. Romans, valley and paper whites all are in good demand. Violets remain away up and Californias bring top prices and the demand is in excess of supply. Stevia sells in large bunches and has a fair demand.

Thanksgiving day trade was up to the usual standard; the market was well supplied with all kinds of flowers and the demand great. Out in the West End the florists claim that they were busy all day Wednesday and half the day Thursday. Take it all in all, the day was about the same as last year, only that stock was not so scarce last year. Quite a few shipping orders had to be turned down, owing to home orders that were in ahead. The commission men have nothing to complain of as they sold out clean early in the day and at good, round figures. They have one more day left this year to get a whack at the poor retailers, and that is Christmas.

Notes.

The exhibition committee wishes to thank Mr. James Gurney, Prof. Wm. Trelease and Phil Gable for their valuable assistance at our late show. Their beds of crotons and the new ageratum Stella Gurney were very pleasing to the eye of every florist, local as well as the visitors.

Max Herzog, out at Gratiot Station, has all his houses looking in tip-top shape and is cutting a lot of fine roses and carnations every day, which have first choice among the retailers.

Charlie Wors, at one time one of our leading commission men, is now selling flowers on the street corners.

J. W. Kunz, who, a few weeks ago, opened a retail store at 504 Olive street, is doing well and reports that his business for Thanksgiving was fine.

Fred Foster, at Eighth and Olive streets, has gone in the fruit business in connection with his flower store and makes a very pretty show in his two large show windows.

Misses Haug and Rudloff, florists, about a year ago leased the greenhouses of Mr. Klockenkemper. They put the place in first class shape and were cutting lots of fine carnations and roses. Now Mr. Klockenkemper takes the place from them on a snap judgment. The boys here feel very bad over the matter.

Next Thursday, the 14th, the regular monthly meeting of the club will be held and the members should not fail to be present to hear the report

of the exhibition committee and the two essays. Also other important matters which require the presence of every member.

Visitors in town: Mr. J. W. Canaga, Shelbyville, Ill. Mr. Canaga ate Thanksgiving dinner in St. Louis with his parents, who live here.

Miss Nellie Croy, formerly with Frey & Frey, Lincoln, Neb., is in the city.

Bowling.

The bowling match between the Juniors and St. Louis Florists' Bowling Club came off Monday night and resulted in a clean victory for the older club. The Juniors did well, considering that they are not quite six months old. The older club did not roll with all their best men, such as Beyer, Sanders and Schray. After the match Mr. Ellison said that the Juniors would be ready for another match in February for a prize to cost not less than \$25.

The match was rolled under the rules of the National Florists' Bowling Association. Beneke was high man for his side and Adels was high for the Juniors. The highest single score was made by Beneke; F. C. Weber, second. Adels also was high on single score for his side. J. W. Kunz and A. Y. Ellison were captains for their respective sides. Everything was pleasant and we had a good time. The scores were as follows:

FLORISTS' BOWLING CLUB.

	1	2	3	Tot.	Av.
J. J. Beneke.....	163	134	171	468	156
C. A. Kuehn.....	153	157	140	450	150
F. C. Weber.....	128	165	138	431	144
J. W. Kunz.....	148	110	146	404	135
John Young.....	107	128	127	362	121
F. J. Fillmore.....	112	111	92	315	105

JUNIOR FLORISTS' BOWLING CLUB.

	1	2	3	Tot.	Av.
William Adels.....	153	132	133	418	139
George Augermuller.....	133	113	114	360	120
A. Y. Ellison.....	100	132	120	352	117
James Luper.....	70	116	116	302	101
Wm. Holtz.....	107	94	97	298	99
F. H. Weber.....	88	91	97	276	92

J. J. B.

CHICAGO.

The Market.

The scarcity of flowers continues and prices are holding up generally to Thanksgiving rates. In white roses the demand is not quite so brisk and prices are not quite so stiff as on colored sorts. In carnations the whites seem to be in even better demand than the colored ones. But there is ready sale at good figures for everything.

Chrysanthemums are practically done for the season. While prices on mums have at no time been extravagantly high the average returns have been very satisfactory and there have been no gluts at any time.

Violets dragged some last Thursday and it looked as though some losses would be made, but demand braced up on Friday and Saturday and took care of all in good shape.

The great scarcity on Tuesday preceding Thanksgiving was eased somewhat by increased receipts on Wednesday, quite a number of growers having made the same old mistake of hold-

ing back till too late to catch the shipping trade. As a result the city buyer who held off till the last moment had a little the best of it.

All the commission men agree that it is a bad mistake on the part of the grower to hold back stock at a holiday, and we notice that the growers who have their own city salesrooms do not do it. Experience has taught them better. The man who gets his supply in as regularly and evenly as possible is the one who gets the best average returns.

Both wholesalers and local retailers agree that the Thanksgiving day trade was the best ever experienced. And a very pleasant feature to the wholesaler was the small number of complaints from outside buyers. Stock seems to have carried well.

Kennicott Bros. Co. report that their November business surprised them by exceeding their December business of last year.

Club Meeting.

At the meeting of the Florists' Club last Friday evening there was an interesting discussion on the benefits of flower shows. It was opened by Mr. Edgar Sanders in a short paper which will appear in next week's issue.

Though the debate was entirely in favor of flower shows some very useful points were brought out, not the least of which was that should the shows be discontinued in this city there would undoubtedly be a glut and low prices at the time instead of the brisk demand and fancy figures that now prevail during flower show week.

Various Items.

In a general way the majority feel encouraged over the outlook for a good holiday supply of flowers, but there are some who are doubtful and say that the time is now so short that only unusually favorable weather will bring the crops along fast enough.

Christmas greens and other goods are moving freely. The supply of green has swelled up remarkably of late and there will surely be enough for all.

Bassett & Washburn report the largest Thanksgiving trade in their experience and rejoice over the fact that not a single complaint came from their customers.

Mr. Smith, of Smith & Feters, Cleveland, O., was a visitor this week.

McKellar & Winterson are displaying a fine stock of Cape flowers, immortelles and other seasonable goods.

Robert Kennicott Reilly, a nephew of Flint Kennicott, died Nov. 24. Though practicing law in this city he was the Co. of R. E. Kennicott & Co., of Carbondale.

DIXON, ILL.

Mrs. O. L. Baird died in Chicago Nov. 23. She had been a great sufferer for seven years. She left two children, aged 6 and 10 years.

The remains were brought home to this city for burial.

M. RICE & Co., are exclusive Importers and Manufacturers of Florists' Supplies

MOSS WREATHS.
BASKETS.

WHEAT SHEAVES.
DOVES.

GRASSES.

IMMORTELLS.

POT COVERS.

METAL DESIGNS.

CHENILLE.

PLATEAUX.

CAPE FLOWERS.

LACE and PAPER HANDKERCHIEFS.

PREPARED PALM LEAVES.

PEDESTALS.

PALM PLANTS, Etc.

CATALOGUE FOR THE ASKING.

M. RICE & CO., No. 918 Filbert Street, Philadelphia, Pa.

Mention The Review when you write.

15,000 Dracaena Indivisa, In 2-inch pots,

\$3.00 per 100, \$25.00 per 1000.

Asparagus Plum. Nanus,

In 2-in. pots, \$4.00 per 100, \$35.00 per 1000

In 4-in. pots, \$15.00 per 100

In 6-in. pots, \$20.00 per 100

(Cash, please.)

SEND FOR LIST OF TESTIMONIALS OF OUR SOIL PULVERIZER,

No. 1, \$5.00; No. 2, \$10.00; No. 3, \$15.00

The Florists' Supply Co.

Box 56,

North Tonawanda, N. Y.

Mention The Review when you write.

IMPORTANT.

A few of the good things mentioned below.

20TH CENTURY VERBENAS.

Thirty-two grand mammoth varieties, the cream of over one hundred of the choicest up to date, including the latest—Capt. Dreyfus, Helen Gould, Melba and others. Every one is distinct, of the most fascinating colors, shades and markings; clean, healthy, vigorous plants; the money-making set for the retail florist. Strong, bushy pot plants, full of cuttings, \$2 per 100; \$18 per 1000; strong rooted cuttings, 60c per 100; \$5 per 1000.

NEW DBL. FRINGED PETUNIAS, Henderson's and Dreer's choicest varieties, known the world over as the standard of perfection; extra strong 2-in. pot plants, \$2 per 100; \$18 per 1000; strong rooted cuttings, \$1 per 100; true to name, \$8 per 1000. New Giant California White Marguerite and the New Golden Marguerite, the two greatest seedling plants of the year, strong 2½-inch, \$2.50 per 100; strong rooted cuttings, \$1 per 100.

SALVIA SPLENDENS, the old standby, no other as good, strong 2½-in., \$2.50 per 100; strong rooted cuttings, \$1 per 100.

VINCA, Maj. and Var., strong rooted cuttings, \$1 per 100.

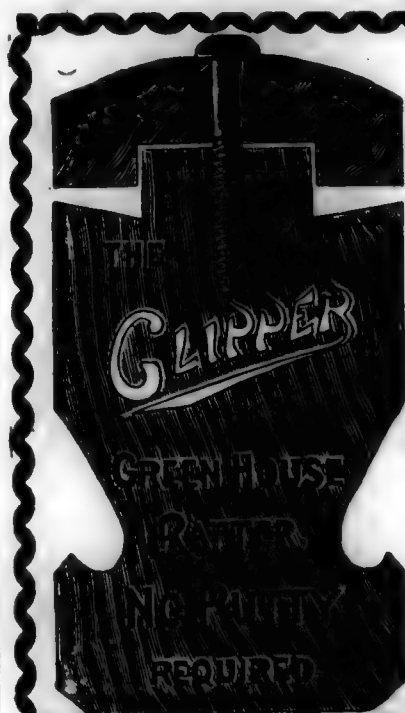
PRINCESS PAULINE AGERATUM, the great novelty of '98, the only one to grow; strong 2½-inch, full of cuttings, \$2.50 per 100; strong rooted cuttings, \$1 per 100.

1000 strong 2½ and 3-in. BRIDESMAID ROSES, \$2.50 per 100; \$20 per 1000. Strictly cash with order.

EVERY RETAIL FLORIST should have our descriptive wholesale list of specialties. There is money in it for every man in the trade. Send for it.

SOUTH SIDE FLORAL CO., - Springfield, Ill.

Mention The Review when you write.



Butted Glass.

This is no longer an experiment, it has come to stay. There are various ways of making Butted Roofs, but the best way is with the

Clipper Bar.

With this bar you can make a roof that is absolutely free from drip, and glass cannot be torn out by the wind. Butted glass makes a tight roof, a warm house and saves fuel. It lasts longer, looks better and costs less than the old-fashioned roof. But do not think that this is the only bar we sell, for it is not; we furnish what people want and there is nothing in greenhouse material that you cannot get from us, and all of open-air-dried Cypress clear of bright sap, stained sap, knots and all other defects.

Lockland Lumber Co.

Write for Circulars
or Estimates.

Lockland, Ohio.

Mention The Review when you write.

Burpee's Seeds Grow

PANSIES... WORTH RAISING

Good Plants by express, \$2.50 per 500; \$4.00 per 1000. Seed as usual.

C. SOLTAU & CO., 199 Grant Avenue, JERSEY CITY, N. J.
Mention The Review when you write.

SOUTHERN WILD SMILAX.

Case No. 1, \$1.00; Case No. 3, \$3.00; Case No. 5, \$4.00
" No. 2, 2.00; " No. 4, 3.50; " No. 6, 4.50
Carefully selected stock. Full cases.

Write for art catalogue, "Evergreens of the Southland," which every florist should have in his store to show customers. Illustrations of beautiful Southern Evergreens.

CALDWELL THE WOODSMAN CO., Inc.,

EVERGREEN, Alabama.

P. S.—The cow is dead—Smilax killed her.

Mention The Review when you write.

Always Mention the....

Florists' Review

When Writing Advertisers.

MAJOR BONNAFFON STOCK PLANTS FOR SALE.

10c a piece, \$1 a doz., \$6 a 100. These clumps are large and full of young growth and are from prize winning stock, flowers produced from same taking first prize wherever shown, five first premiums in one season. Also a limited quantity of other good varieties, such as Lady Fitzwygram, Ivory, H. W. Rieman, Mrs. C. H. Peirce, Yanoma, Mrs. Murdoch, Golden Wedding, Vivian-Morel, Philadelphia, Mrs. Seulerberger, Sunderbruch, etc.

GUNNAR TEILMANN, Marion, Ind.

Mention The Review when you write.

EDWARD B. JACKSON, Wholesale Florist.

HARDY HERBACEOUS PLANTS ONLY.

In any quantity for the least money.

STAMFORD, CONN.

Mention The Review when you write.

PETUNIAS, Double Fringed.

A good assortment of money makers.

2-inch, \$2.00 per 100; Rooted, \$1.00 per 100

E. I. RAWLINGS, Quakertown, Pa.

Mention The Review when you write.

SAMUEL S. PENNOCK, Wholesale Florist

{ Until further notice, will be open from }
6:00 a. m., to 11.00 p. m.

American Beauties and Valley Our Specialties. 1612-14-16-18 Ludlow St., Philadelphia, Pa.

Mention The Review when you write.

PHILADELPHIA.

Trade has been very good the past week. The storekeepers report an old-time Thanksgiving, it being the best in many years; with Bridesmaids and American Beauties very scarce, not enough to go around. As for mums they have seen better days and are fast disappearing.

Mr. L. Kleeblott, who has been with the Floral Exchange for the past five years, has embarked in the florist's business for himself, opening a store last week at 1908 West Susquehanna avenue. He has designated it the Sharon Nurseries. Mr. K. intends to handle a general line of cut flowers and decorative plants.

Mr. A. B. Cartledge and Mr. Geo. Anderson are off on a ten days' gunning trip in North Carolina.

Julius Wolff, Jr., reports a very busy week, the principal event of the week being a big decoration at the Mercantile Club, which required eight loads of palms and decorative plants to do the work, to say nothing of the immense lot of cut flowers used. Also large bouquets showered with miniature incandescent lights. Mr. Wolff and his foreman, Mr. Dunning, were quite proud of the job.

Robert Kift reports an increasing demand for his unique adjustable hanging flower vase and plant holder. It is an ideal thing for short stemmed flowers. It is without a doubt indispensable for show window and house decoration, as it shows the plants or vase of flowers to the best possible advantage. It is one of those things that have to be seen to be appreciated.

Cut flower prices are about as follows: Beauties, \$2 to \$7.50 a doz.; Brides and Maids, \$5 to \$7 per 100; Perles, \$5 to \$6; Kaisersins, \$5 to \$10; Meteors, \$5 to \$8; Liberty, \$15 to \$25; carnations, \$1.50 to \$2.00; fancy sorts, \$2.50 to \$3; hyacinths, \$3 to \$4; valley, \$3 to \$5; single violets, 50 cents; doubles, 75 cents to \$1; asparagus, 50 cents; smilax, 15; adiantums, \$1.00 per 100; cypridiums, \$2 per doz. or \$15 per \$100. R.

SPRINGFIELD, O.

A meeting was recently held at the office of the Good & Reese Co. to arrange for an organization of the florists of this city.

Among the firms represented at this meeting were: McGregor Bros., the Geo. H. Mellin Co., Schmidt & Botley, the John A. Doyle Co., the Good & Reese Co. and the C. A. Reeser Co. (of Urbana). A committee was appointed to draft a constitution and by-laws.

PITTSBURG CUT FLOWER CO., Ltd. WHOLESALE FLORISTS.

Long Distance Phone 2157.

CONSIGNMENTS SOLICITED.

No. 504 Liberty St., PITTSBURG, PA.

FLORISTS' SUPPLIES.

Write for Price List.

Mention The Review when you write.

Asparagus Plumosus

Cut Strings 8 feet long. 50c per string.

Nanus

Shipped to any part of the country.

W. H. ELLIOTT, BRIGHTON, MASS.

Mention The Review when you write.

Green Galax, New Crop Now Ready. Finest Bronze, From Cold Storage.

For Prices address the Introducer, HARLAN P. KELSEY, 1106 Tremont Building, - - - BOSTON, MASS.

Mention The Review when you write.

Real Estate,

Land with or without Greenhouses in different parts of the United States.

BARGAINS can be had and opportunities opened for profit. Write for particulars and state your requirements.

SMITH & SMITH,

345 Sixth Ave., PITTSBURG, PA.

Brokers in Real Estate, Glass, Pipe, Boilers, etc.

Mention The Review when you write.

Choice Plants for Autumn Sales.

JOHN H. LEY,

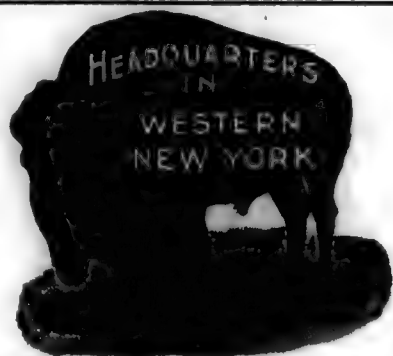
Good Hope, Washington, D. C.

Asparagus P. Nanus, 5-in. pots doz., \$3.00
Ferns, 30 new and choice sorts, 4-in. pots, 100, 10.00
" 10 choice sorts, 2-in. pots, " 4.00
Nephrolepis Washingtoniensis, the finest new Fern this year, 4-in. pots, doz., 3.00
Adiantum Hybridum, new, elegant, 8-in., each 1.00
" Cuneatum, extra large, 4-in. pots, 100, 10.00
Crotons, 12 finest sorts, colors fine, 4-in., doz., 1.00
Peperomia Arifolia and Argyreia, 3-in.,50
Selaginella Africana, fine blue and others, 3-in. pots, doz., .50
Ferns, from flats, nice little plants for small pots, 10 sorts, 100 free by mail, 1.25
Careful packing. Cash with order. Plants gratis.

Mention The Review when you write.

GIVE US A TRIAL. WE CAN PLEASE YOU.

Roses, Carnations and all kinds of Seasonable Flowers in stock.



WM. F. KASTING, Wholesale Commission Florist, 481 Washington St., BUFFALO, N. Y. Also Dealer in Florists' Supplies and Wire Designs.

Mention The Review when you write.

WM. J. BAKER, WHOLESALE CUT FLOWERS,

1432 S. Penn. Square, PHILADELPHIA, PA.

Original Headquarters for CARNATIONS.

Mention The Review when you write.

Cut Flower Exchange,

404 - 412 East 34th St., New York,

NEAR THE FERRY.

Open Every Morning at 6 o'clock for the sale of CUT FLOWERS.

Wall space for Advertising purposes to Rent.

J. DONALDSON, SECRETARY.

Mention The Review when you write.



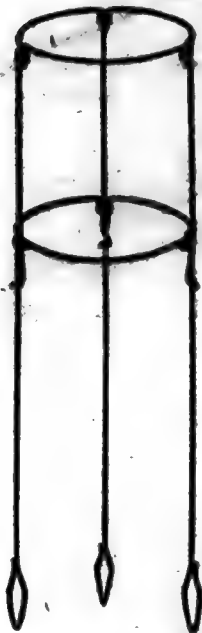
HARDY CUT FERNS

In 1000 lots, \$1 per M. Discount on larger orders. Also dealer in Sphagnum Moss, Bouquet Green, Christmas Trees, etc., etc.

L. B. BRAGUE, - Hinsdale, Mass.

Mention The Review when you write.

The Model EXTENSION CARNATION SUPPORT.



Lancaster, Pa., June 17, 1899.
MR. THERON PARKER,
Brooklyn, N. Y.

Dear Sir:—Your Model Carnation Support is all right in every way and will no doubt be considered as necessary as good plants with growers when better known. I consider it the best on the market, and if your other specialties are equally as good, they should make another addition to the money-makers of 1900.

Respectfully,
ALBERT M. HERR.

Flatbush, Brooklyn, N. Y.,

Feb. 18, 1897

MR. THERON PARKER.

Dear Sir:—Your wire stake is certainly a gem. Without hesitating we endorse it as an up-to-date Carnation Support.

Yours truly,
DAILLEDOUZE BROS.

W. Hoboken, N. J., Feb. 18, 1897.

MR. THERON PARKER.

Dear Sir:—It gives me much pleasure to congratulate you upon your success in getting up carnation supports. I think that those I have had from you are about as

perfect as anybody will be able to make them. They certainly fill my bill for an ideal carnation support, a thing I have been looking for a long time. Wishing you every success in the sale of them, I am,

Yours truly, E. ASMUS.

Straight Galvanized Steel Rose Stakes

At Lowest Prices.
Write for Prices, Circulars and Special Discounts for early orders.

The Model Plant Stake Co.

THERON PARKER, Mgr., Inventor and Patentee,
226 North 9th Street, BROOKLYN, N. Y.

Mention The Review when you write.

ESTABLISHED 1802

THORBURN'S SEEDS

JAPAN LILIAM LONGIFLORUM.

	Per 100.	Per 1000.
5 to 7 inches circumference,	\$2.50	\$20.00
8 to 7 " " "	2.75	25.00
7 to 9 " " "	4.50	40.00

SPIRAEA JAPONICA.

Large clumps.....\$3.00 per 100, \$25.00 per 1000

Lily of the Valley and Lilium Auratum.

Prices on application.

J.M.THORBURN & CO.

(Late of 15 John Street)

36 CORTLANDT STREET, NEW YORK

Mention The Review when you write.

CINERARIAS and CYCLAMEN.

Cinerarias for Christmas blooming, 2½-in., \$2.00 per 100; 3-in. \$3.00 per 100; large plants in 4-in. pots \$1.00 a doz. Cyclamen Giganteum and Persicum, 3-in. \$5.00 per 100. S. WHITTON, UTICA, N. Y.

Mention The Review when you write.

For Thanksgiving we did
Better than many
For Christmas we will do
Better than any
one else in this market.

We are prepared to price and accept orders now.

THESE ORDERS WILL BE FILLED.

E. C. AMLING,

W. S. HEFFRON, Mgr.

51 Wabash Ave., CHICAGO, ILL.

Mention The Review when you write.

REINBERG BROS.

800,000
FEET
OF
GLASS.

No
charge
for
packing.

Wholesale
Growers of

Cut Flowers

We can fill all orders on short notice with all leading varieties of Roses and Carnations. We are headquarters for fine

AMERICAN BEAUTIES.

51 Wabash Ave., CHICAGO

Quotations subject to change without notice. All other stock at lowest market prices.

We close at 6:30 p. m. Sundays and Holidays at noon.

Mention The Review when you write.

WHOLESALE PRICE LIST.

AMERICAN BEAUTY

Extra long stem....	per doz.	\$5.00 to \$6.00
30 inch long stem,	"	4.00
24 " " " "	"	3.50
20 " " " "	"	3.00
15 " " " "	"	2.00 to 2.50
12 " " " "	"	1.50
Short.....	"	1.00

METEOR.....	per 100,	7.00 to 10.00
BRIDESMAID.....	"	7.00 to 10.00
BRIDE.....	"	7.00 to 10.00
LA FRANCE.....	"	7.00 to 10.00
PERLE.....	"	5.00 to 7.00
GOLDEN GATE.....	"	10.00 to 12.00
CARNATIONS, ordinary	"	3.00
" fancy.	"	4.00 to 5.00

Delaware Holly of the Best Grade, from the Swamps, with Bright Green Foliage and well Berried.

Orders will now be received for shipments which will go forward Freshly Packed at the proper time. For prices and terms, address.....

MILFORD NURSERIES.....

ALEX. PULLEN, Milford, Del.

Mention The Review when you write.

CHRISTMAS GREENS.

Laurel Wreathing, 5c yd.; Ground Pine Wreaths, with immortelle flowers worked in, \$1.50 a dozen; Holly Wreaths, \$1.50 doz.; Ground Pine or Bouquet Green Wreathing, 5c yd.; Evergreen Wreathing, 4c yd.; Laurel Wreaths, 10c each; also Mistletoe, Hardy Ferns, Palm Leaves, Wild Smilax, low, 10 per cent discount on all orders received before Dec. 1st. My Greens are A No. 1.

J. A. KEENEY, Monongahela City, Pa.

Will make up any kinds of Greens to suit you.

Mention The Review when you write.

CABBAGE PLANTS Field grown, 15c per 100, \$1.00 per 1000; if by mail, add 10c per 100. Write for prices on large lots for fall planting.

Lettuce. Boston Market, Tennis Ball, Curled Simpson, Grand Rapids and other varieties, field grown, 15c per 100; \$1.00 per 1000. If by mail, add 10c per 100.

Parsley. Strong plants, \$1.50 per 1000. \$12.50 per 10,000.

Other Vegetable plants in season. Cash with order.

E. VINCENT, Jr. & SON, White Marsh, Md.
Mention The Review when you write.

E. H. HUNT

THE "OLD RELIABLE" FOR

**Wholesale
Cut Flowers**

Hunt's Flowers Go Everywhere.

76 Wabash Ave. CHICAGO.

Mention The Review when you write.

TARRYTOWN, N. Y.

At the last meeting of the Tarrytown Horticultural Society 43 members were present. Four new members were elected and four more applications for membership were received. The treasurer reported a balance of about \$200 in the treasury after all expenses of the recent exhibition had been paid. Mr. Turner, superintendent of the exhibition, and the judges were given the thanks of the society for their valuable services. It was decided that the hour of meeting be changed from 8 to 7 o'clock.

Nominations of officers were made and the election will take place at the next meeting, Dec. 28, after which a collation will be served and a sociable evening spent.

In my report of the exhibition I inadvertently omitted mention of the exhibits of Mr. John Fursey, florist, Yonkers. He showed two fine floral pieces for which he was awarded two special first prizes. We hope that premiums will be offered for floral arrangements at the next exhibition.

The local florists report that business is good and that more business has been done this fall than for a number of years at this season.

J. T. S.

AS A gift book the Florists' Manual, by Wm. Scott, cannot be surpassed. It is very handsomely bound in half leather, with specially designed title in gold, is magnificently and profusely illustrated, and above all, the contents are of practical and lasting value.

BENTHEY & CO.

F. F. BENTHEY, Mgr.

WHOLESALE AND COMMISSION Florists. Consignments Solicited.**41 Randolph St. CHICAGO.**

Mention The Review when you write.

500 CINERARIAS....From 2-inch pots, strong. \$1.50 per 100.
CASH, PLEASE.**H. L. PHELPS, - Springfield, Illinois.**

Mention The Review when you write.

McKELLAR & WINTERSON,**Wholesale Florists,****45-47-49 Wabash Avenue.****CHICAGO.**

OUR SPECIALTIES:

We have the
LARGEST WHOLESALE
House in Chicago.

Full Line FLORISTS' SUPPLIES, Seeds, Bulbs, Hardy Stock.

XMAS STOCK,

ORDER NOW and secure your supply early.

Holly and Green,

We will meet the quotations of any reputable Western House.

SPECIAL LOW PRICES ON**WILD SMILAX,**

Write for quotations.

Mention The Review when you write.

**Orchids, High-Grade Roses,
Carnations and Violets.**

We have fresh goods of the following and are ready to fill your orders:

CAPE FLOWERS.
IMMORTELLS.
PAMPAS PLUMES.
FAIRY FLOWERS,
SHEET MOSS,
SPHAGNUM MOSS.
VASES, RIBBONS, WHEAT SHEAVES,
DOVES, TIN FOIL, TOOTHPICKS,
BASKETS, BOUQUET PINS,
VIOLET TIN FOIL, CHENILLE,
and everything used by Florists.

Bassett & Washburn**76 Wabash Ave., CHICAGO, ILL.****Wholesale Growers of and Dealers in CUT FLOWERS**

Greenhouses at Hinsdale, Ill.

Mention The Review when you write.

W. E. LYNCH**Wholesale Florist,****19-21 E. Randolph St. CHICAGO.**

Mention The Review when you write.

A. L. RANDALLTelephone
1496**R****Wholesale Florist****4 Washington St., Chicago.**

In our new and enlarged quarters we are better prepared than ever to handle your orders.

Mention The Review when you write.

WHOLESALE GROWER OF ROSES. DEALER IN CUT FLOWERS.**J. A. BUDLONG,****37-39 Randolph St., CHICAGO, ILL.**

Mention The Review when you write.

Maplewood Cut Flower and Plant Co. GEO. M. KELLOGG, Pres.

Growers of CUT FLOWERS at Wholesale.

Regular shipping orders given special attention. We have the largest plant west of Chicago.

Store: 906 Grand Ave., KANSAS CITY, MO.
Greenhouses; Pleasant Hill, Mo.

Mention The Review when you write.

WIETOR BROS.**Wholesale Growers of Cut Flowers.**

All telegraph and telephone orders given prompt attention.

51 Wabash Avenue, CHICAGO.

Mention The Review when you write.

C. A. KUEHN WHOLESALE FLORIST

Cut Flowers and Florists' Supplies.

Manufacturer of the Patent Wire Clamp Floral Designs. A full line of supplies always on hand. Write for catalogue and prices.

1122 PINE STREET, ST. LOUIS, MO.

Mention The Review when you write.

**H. Berning
G. Berning****WHOLESALE FLORIST,****1322 Pine Street,
ST. LOUIS, MO.**

Mention The Review when you write.

**ELLISON & TESSON,
WHOLESALE SHIPPING****FLORISTS****3134 Olive Street, ST. LOUIS, MO.**

...Home Grown Stock...

Mention the Review when you write.

**Cincinnati
Cut Flower Co.****416 Walnut St. CINCINNATI, O. Wholesale Florists**W. A. MANN.
FRANK W. BALL.Consignments Solicited.
Special Attention Given to Shipping Orders.

Mention The Review when you write.

PLEASE DON'T FORGET WE HANDLE XMAS SUPPLIES

K. Bros. Co.

Best Holly

Best Green

Best Galax

Best Smilax

Best Ferns

42 and 44
East
Randolph Street,
Chicago,
Ill.



Best Holly Wreaths

Best Green Wreathing

TO THE TRADE.....

Stock has never been known to be so scarce in this city, still **K. Bros. Co.** take care of all their orders, and if nothing happens will continue to do so, **Xmas included.** Order early. Price will be Chicago market rate, day of shipment.

Best Leucothoe Sprays

Best Asparagus

Best Wild Smilax

Best Adiantum

ORDER ANYTHING IN SUPPLIES FROM US AND YOU WILL GET IT RIGHT

WRITE
GEO. A. KUHL,
PEKIN, ILL.

for prices of Roses, Carnations, Paper Whites, Romans and Smilax. First Rooted Cuttings of Roses ready for immediate shipment.
Mention The Review when you write.

HOLLY Choice Delaware Stock
First supply in, ready for early orders.
W. W. BARNARD & CO.
Headquarters for Christmas Decorations.
161-163 East Kinzie Street.....CHICAGO.
Mention The Review when you write.

Christmas Wreathing.
Good Heavy Grade, wound on cord, will not pull apart. **Bright, Fresh, Green.** Per 100 yards, \$3.00. Special rates on large lots. Prompt shipment. Cash with order.
KEENAN'S SEED STORE,
6112 and 6114 Wentworth Ave., Chicago.
Mention The Review when you write.

The Grand New Rose

LIBERTY

Won Highest Honors Wherever Shown.
The Finest Crimson Forcing Rose of the Century.

Most nearly approached by Meteor in color, but far surpassing that standard variety in brilliancy and purity of color, as well as in size and freedom of bloom—never showing any deformed, black or bull heads, either in winter or summer. A remarkable keeper when cut, keeping its brilliancy of color without turning blue or dropping.

its petals, as is the case with Gen. Jacqueminot, which it somewhat resembles in size and fragrance. To be sure of getting the best crimson forcing rose of the century and A1 stock, send your orders at once to the undersigned or his agents mentioned below. My stock for March delivery being all sold, I can only take orders for delivery in April and later. All orders filled strictly in rotation. First come, first served.

I hereby extend a cordial invitation to all lovers of the Queen of Flowers to come and see LIBERTY growing.

PRICES ARE AS FOLLOWS:

Own Rooted Plants, in 2- $\frac{1}{2}$ in. pots—12 plants 60c each. 25 plants 50c each. 50 plants 30c each. 100 plants 25c each. 1000 plants 20c each.
Grafted Plants, in 2- $\frac{1}{2}$ in. pots—12 plants 75c each. 25 plants 60c each. 50 plants 50c each. 100 plants 40c each. 1000 plants 35c each.

Satisfactory reference or deposit from all unknown correspondents.

AGENTS: { J. C. VAUGHAN, Chicago, Ill. J. N. MAY, Summit, N. J.
F. R. PIERSON CO., Tarrytown-on-Hudson, N. Y.

E. G. ASMUS, West Hoboken, N. J.

Mention The Review when you write.

WASHINGTON.

Bright weather and lots of fine stock brought the buyers out for Thanksgiving, giving the florist lots of fine business. Stock of all kinds was plentiful and all bought up, thus making a record breaker in the way of receipts.

Roses of all kinds brought 8 and 10 cents; carnations went up as high as 3 cents for ordinary stock; violets went humming at \$1; mums went at \$1 to \$3 per dozen and none left at that.

Following Thanksgiving came the convening of Congress. The Senate Chamber and the House of Congress were virtually turned into a garden of flowers, for there were more flowers there than has been for years. Some of the local dealers carried as high as eight wagonloads of baskets and bouquets. Some designs were quite elaborate in style as well as expensive. The larger designs were made by A. Gude & Bro., J. R. Freeman, J. H. Small & Son and The American Rose Co.

Mr. Eschner, of Rice & Co., Philadelphia, was a visitor this week.

F. H. KRAMER.

HOLYOKE, MASS.

E. H. Howland has just closed an exhibition which lasted four days and was attended by a host of admirers of the Queen of Autumn. In addition to the highly attractive display, an additional drawing card was the offer of a prize to the namer of a fine white seedling raised by Mr. Sinclair, the grower. Above one hundred names were submitted, many being original and suggestive.

Messrs. Canning, of the Botanic Gardens, and Copeland, of Northampton, found the task of selection a difficult one, but finally decided upon "Valley Queen" as being the most appropriate. The successful donor of the name was awarded a prize, a handsome palm, which doubtless the happy young lady is showing her many friends, and Mr. Howland is receiving lots of advertising in consequence.

S. H.

THERE IS nothing in the way of a Christmas gift to a friend in the trade that will be more appreciated than a copy of the Florists' Manual, by Wm. Scott.

DEWEY

Have what you want in this list? If not, write us for prices on what you need....

ROOTED CUTTINGS

GERANIUMS. Per 100
Gloire de France, Grand Chancellor, Happy Thought, Mrs. Pollock, Beaute Poitevine, Vulcan, King Olga, E. G. Hill, Wonder, Alphonse Riccard, S. A. Nutt, Frances Perkins \$2.00
Assorted, common 1.50
Mixed, per 1000 \$12.00
Mars, Happy Thought 8.00
Silver Leaf, rose scented 1.50
Bronze 1.50

GERANIUMS. Per 100
Mrs. Parker, Doble, Pink Silver Leaf \$1.00
Mme. Sallerioi 1.25
Freak of Nature 3.00
Double New Life 4.00

MISCELLANEOUS.
Coleus, fancy & large leaved \$1.00
" " separate colors80
" " mixed colors60
Alternanthera (Summer Struck) 1.00
Fuchsia, Trailing Queen 1.50

MISCELLANEOUS. Per 100
Manettia (bicolor) 2.00
Vinca 1.50
Salvia 1.25
Heliotrope 1.25
Begonia Erfordii 2.00
" Rex 2.00
" Incarnata Gigantea 2.00
" Flowering 2.00
Impatiens Sultan 2.00
Forget-Me-Not (Winter Flowering) 2.00
Fuchsia, 4 kinds 1.50

POT PLANTS

GERANIUMS. Per 100
Sweet Scented, Mrs. Pollock, 2 $\frac{1}{2}$ -in. 4.00
Mrs. Parker 6.00
Happy Thought, 2 $\frac{1}{2}$ -in. 4.00
Silver Leaf, 2 $\frac{1}{2}$ -in. 4.00

BEGONIAS. Per 100
Rex, assorted, 2 $\frac{1}{2}$ -in. \$4.00
" named 6.00

BEGONIAS. Per 100
Inc. Gigantea, 4-in., ready for 6-in. pots \$15.00
Inc. Gigantea, 2 $\frac{1}{2}$ -in., ready for 4-in. pots \$4.00 to 6.00

MISCELLANEOUS. Per 100
Double White Stock, 3-in. \$3.00
Forget-Me-Not (Winter Flowering), 2 $\frac{1}{2}$ -in. 4.00
Lemon Verbena, \$3.00, \$4.00, 6.00
Primroses (in bud) 2 $\frac{1}{2}$ -in. 3.00

MISCELLANEOUS. Per 100
Primroses, 2-in. \$2.00
Hydrangea Pink, 3-in. 6.00
Anthericum, 3-in. 6.00
Dracaena Ind. (in flats) 5.00
Vinca, 3-in. 5.00
Mignonette, 2-in. 2.00
Impatiens Sultan, 2 $\frac{1}{2}$ -in. 8.00
Manettia bicolor, 2 $\frac{1}{2}$ -in. 4.00
Fragrant Calla, 2 $\frac{1}{2}$ -in., \$1.50 doz.
Fragrant Calla, 4-in., 8.00 "

Terms Cash or C. O. D.

GREENE & UNDERHILL, Watertown, N. Y.

Mention The Review when you write.

GERANIUM NOVELTIES FOR 1900

THE FINEST COLLECTION IN AMERICA.

A Set of Selected Double Bedders.

A Set of Selected Single Bedders.

A Set of Selected Fancy Doubles.

A Set of Selected Mammoth Fancy Singles.

A Striking Set of Ivy Leaved Varieties.

A Full Line of the Introductions of 1899 in all the above sections.

A Full Line of Selected Standard Bedders.

If you wish to be with the leaders in bedding plants order your stock from

C. W. WARD, Manager.

THE COTTAGE GARDENS, Queens, L. I., N. Y.

Mention The Review when you write.

Delaware Holly Wreaths of the Best Grade.....

with Bright Green Foliage and plenty of Berries.

Orders will now be received for shipments which will go forward fresh goods at the proper time. Samples can be shipped when wanted. For prices and terms, address

J. W. C. PULLEN, MILFORD, Delaware.

Mention The Review when you write.

GALAX LEAVES.

Chas. H. Ricksecker, Linville, N. C.

Mention the Review when you write.

EVERY FLORIST
OUGHT TO INSURE
HIS GLASS AGAINST

HAIL

FOR PARTICULARS ADDRESS

JOHN G. ESLER, Sec'y, SADDLE RIVER, N. J.



Look this
over, then
THINK
NEW PLANTS.

NEW GERANIUM—De Roe Mitting, yellow foliage, double pure scarlet bloom, \$1.20 per dozen, \$10.00 per 100.

NEW GERANIUM—Double Snow Drop, the best dbl. white bedder to date, \$1.20 per dozen, \$10.00 per 100.

NEW YELLOW BABY PRIMROSE—\$1.20 per doz., \$10.00 per 100.

20 NEW COLEUS. They are Beauties—Dr. Nelson, Dr. Anderson, Dr. Erickson, Dr. Peterson, Dr. Stevenson, Dr. Osmanson, Dr. Emerson, Dr. Olson, Dr. Johnson, Dr. Pattison, Dr. Matterson, Dr. Carlson, Dr. Wilson, Dr. Thompson, Dr. Davidson, Dr. Siverson, Dr. Williamson, Dr. Jackson, Dr. Knutson, Dr. Furgeson. The 20 Drs. for \$1.00, or \$4.00 per 100.

COLEUS STANDARD.

South Park Gem, Carsiour, Queen Victoria, Crimson Bedder, Black Bird, Crist Beauty, John Good, Rainbow, Moonbeam, Hiawatha, George Simpson, Vernal Beauty, Emp. of Germany, Emp. Victoria, Princess Irene, and ten others just as good.

2½-inch pots, \$1.50 per 100.

Rooted Cuttings, 40 varieties, 50c per 100.

Unrooted Cuttings, 60 varieties, 25c per 100.

Variegated Vinca, 2½-inch.....per 100, \$2.00
Giant White Pansy Plants.....per 1000, 3.00

PETUNIAS—10 varieties of Dreer's, 2 varieties from Australia, 9 varieties from France, 4 varieties from Germany, 5 varieties from England; the 30 varieties all mixed together, 2½-in., \$2.00 per 100.

Per 100
Feverfew, Little Gem, 2½-in.....\$1.50
" Golden Leaved, 2½-in.....1.50
Velvet Plant, 2½-in.....1.50
Geranium Harmine and La Favorite, 2½-in.....1.50
Hardy Pink Clumps.....2.00
Pansy Plants, \$3.00 and \$4.00 per 1000.
Primula Chinensis, 2½-in.....1.50
" 3-in.....3.00
" from flats......75
Primula Obconica, 3½-in.....3.00
" 2½-in.....1.50
Forget-Me-Not, winter blooming, 2½-in.....2.00

BEGONIAS, Flowering—White Rubra, Augusta, Gaitea, Saudersoni, Semperflorens Rosea, Fuchews, Fuchoides, Red Vernon, Erfordii Pink and 10 other varieties, in small lots, all 2½-in., \$1.50 per 100.

CANNAS—Florence Vaughan, Australia, A. Bouvier, Mme. Crozy, Statia, Mme. Charatt, and 10 others all mixed together, single eyes, \$1.00 per 100, \$5.00 per 1000.

Mesembryanthemum Erectum, Basket Plant, r. c., \$1 per 100; California Moss, r. c., \$1 per 100; Cigar Plant, 2½-in., \$1.50 per 100; Alternanthera, 4 colors, yellow, red, pink and large leaved variety, 2½-in., full of cuttings \$2 per 100, \$18 per 1000; 2½-in., \$1.50 per 100, \$12.50 per 1000; Unrooted Cuttings, 4 varieties, 25c per 100, \$2 per 1000, \$8 per 5000, \$15 per 10,000.

Lycopodium Dent, 2½-in., \$1.50 per 100; Iresines, 2 colors, 2½-in., \$1.50 per 100; Dusty Miller, 2½-in., \$3 per 100; Golden leaved Feverfew, r. c., \$1 per 100.

R. C. CARNATIONS READY.

G. H. Crane, 1899.....\$6.00 per 100
Glacier, 1899.....4.00 "
Argyle, 1898.....2.00 "
Empress, 1898.....1.50 "
Bon Ton, 1898.....1.50 "
Maud A. amis, 1899.....4.00 "
Daybreak.....1.50 "
Morello.....1.50 "
America.....4.00 "
Triumph.....1.50 "
Melba.....4.00 "
Gomez.....5.00 "

We are now booking orders for 1900 varieties, and all other good ones for future delivery.

Large orders from above plants. We ask for list to estimate. Prompt shipments or money returned by next mail.

CASH.

The Morris Floral Co.

MORRIS, ILL.

Mention The Review when you write.

Jadoo Prize Winners:

Sweet Peas: Cohocton, N. Y.
Springfield, Mass.
Ligonier, Ind., and
Colorado Springs, Colo.

Chrysanthemums: Philadelphia,
Hartford, Conn.
and
Galveston, Tex.

Geraniums: Philadelphia.

Foliage and Flowering Plants:
Philadelphia.

Send for our catalog.

THE AMERICAN JADOO CO.

317 Fairmount Ave.,

PHILADELPHIA, PA.

Orders now booked for

Carnation Cuttings

for all fancy varieties.
All cuttings guaranteed A1.

CHICAGO CARNATION CO.,

Greenhouses and address, JOLIET, ILL.
Mention The Review when you write.

Perry Watson & Co.

CALIFORNIAN SEED HOUSE

—SPECIALTIES—

Onion Seed	Sweet Peas	Lima Beans
Lettuce	Cosmos	Salt Bush
Celery	Hollyhock	Bromus Grass
Carrot	Verbenas	Bermuda "
Salsify	Asters	Johnson "
Parasit	Mignonette	etc.
etc.	etc.	

ALL CALIFORNIA GROWN. WHOLESALE ONLY.

SACRAMENTO CALIFORNIA

Mention The Review when you write.

YOU WANT THE BEST ROOTED CUTTINGS OF

Heliotropes, 75c per 100 Ageratum, 50c per 100
Coleus, 50c per 100

Every Cutting a selected cutting. Every Cutting
guaranteed. Ready now.

F. R. THORNTON,
The Cottage Gardens. MACOMB, ILL.
Mention The Review when you write.

E. G. Hill & Co.

Wholesale
Florists,

RICHMOND, INDIANA.

Mention The Review when you write.

To Close Out

for want of room,
the following
plants, ready for
a shift.

Pots. Per 100. Per M.

400 Phoenix Reclinata.....4-in.	\$8.00	
1000 " ".....2-in.	5.00	\$45.0
5000 Pteris Tremula....."	2.50	20.00
2000 " Ensifolia....."	2.50	20.00
2000 " Serrulata Max....."	2.50	20.00
9000 " Longifolia....."	2.50	20.00
2000 " Serrulata....."	2.50	20.00
2000 " Compacta Nana....."	3.00	25.00
1000 " Onardia....."	2.50	20.00
1500 Nephrolepis Bostoniensis..2½-in.	5.00	40.00
2000 " Cordata Compacta....."	4.00	35.00
2000 " Exaltata....."	4.00	35.00

Would exchange for 500 Adiantum Cuneatum.

CASH WITH ORDER.

THE E. HIPPARD CO., Youngstown, O.

Mention The Review when you write.

ETHEL CROCKER.

Absolutely the best pink Carnation ever offered the trade. Grown equally successfully by Hill, Craig, and myself, you are not buying it on a venture, but knowing that it is not a success in one soil and a failure in another.

In color, size, fragrance and stem it is just what the "storemen" want. In habit, constitution and freedom of bloom it is just what the grower wants, never out of crop from Sept. to July, more flowers to the square foot than any other known variety and practically no seconds.

With 18,000 stock plants to work from there is no danger of over propagation, and you are not asked to wait until planting out time for your cuttings but can have them whenever wanted. Orders entrusted to me will have my personal attention, both in the selection of the cuttings and the filling of the order.

Price per 100, \$10.00; per 25, \$2.50; per 1000, \$75.00; per 250, \$18.75. Herr's Pansies at \$4.00 now, and a regular assortment of Carnations in a list ready Jan. 1st. **ALBERT M. HERR, Lancaster, Pa.**

Mention The Review when you write.

New and Standard Varieties of

CARNATIONS

F. DORNER & SONS CO.

LA FAYETTE, IND.

Mention The Review when you write.

CARNATIONS

We are head-
quarters for all
new and stand-
ard varieties.

If you want anything write us. All information
cheerfully given. Field-grown plants all sold.

Chrysanthemums Stock plants of the
leading new and
standard sorts.

Write for Prices.

H. WEBER & SONS, - - Oakland, Md.

Mention The Review when you write.

THRIFTY FIELD

CARNATIONS WITH PLENTY OF ROOTS.

Send for prices.

All the NEW and LEADING varieties.

GEO. HANCOCK & SON,

GRAND HAVEN, Mich.

Mention The Review when you write.

FIELD GROWN

CARNATIONS.

BEST NEW AND STANDARD VARIETIES
Write for catalogue and prices.

W. P. PEACOCK, ATCO, N. J.

Mention The Review when you write.

CLASSIFIED PLANT ADVERTISEMENTS.

Rate for advertisements under this head, 10 cents a line net, per insertion. New advs. and changes must reach us by Wednesday morning at latest to secure proper classification in issue of Thursday.

ACACIA.

Acacia Paradoxa, well budded, 50c, 75c and \$1.00 each.
Bobbink & Atkins, Rutherford, N. J.

ACALYPHA.

Acalypha Sanderi, fine 2½-in. plants, \$3.00 per 100.
The Conard & Jones Co., West Grove, Pa.

AGERATUM.

Princess Pauline ageratum, the great novelty of '98, the only one to grow. Rooted cuttings now ready, \$1.00 per 100. Strong 2-in. pot plants, 50c per doz.; \$2.00 per 100.
South Side Floral Co., Springfield, Ill.

Ageratum, rooted cuttings, 50c per 100.
F. R. Thornton, Macomb, Ill.

ALTERNANTHERA.

In 4 colors, large leaved varieties, 2½-in., full of cuttings, \$2.00 per 100; \$18.00 per 1000. 2½-in., \$1.50 per 100; \$12.50 per 1000. Unrooted cuttings, 4 varieties, 25c per 100; \$2.00 per 1000; \$8.00 per 5000; \$15.00 per 10,000.
Morris Floral Co., Morris, Ill.

Alternanthera, rooted cuttings, summer struck, \$1.00 per 100.
Greene & Underhill, Watertown, N. Y.

Red and yellow, rooted, per 100, 50c; per 1000, \$4.00. E. I. Rawlings, Quakertown, Pa.

Red and yellow, rooted cuttings, 50c per 100.
C. Lengenfelder, Elgin, Ill.

ANTHERICUM.

Anthericum, 3-in., \$6.00 per 100.
Greene & Underhill, Watertown, N. Y.

ASPARAGUS.

Asparagus plumosus nanus, 2-inch pots, 50 cents per doz.; \$4.00 per 100. Same in 3-inch pots, \$1.00 per doz.; \$8.00 per 100. Asparagus Sprengerii, 2-inch, 50 cents per doz.; \$4.00 per 100.
Geo. Wittbold, 1708 N. Halsted St., Chicago.

Asparagus plumosus nanus, 2-in., \$4.00 per 100; \$35.00 per 1000. 4-in., \$15.00; 6-in., \$20.00 per 100. Florists' Supply Co., No. Tonawanda, N. Y.

Asparagus Sprengerii, fine large plants, in 5-in. pots, \$3.50 per doz.; \$25.00 per 100.
E. C. McFadden, Short Hills, N. J.

Asparagus Sprengerii and Plumosus, 2-in., \$5.00 per 100; 3-in., \$8.00 per 100. Cash.
Geo. M. Emmans, Newton, N. J.

Sprengerii, 2½-in., extra strong, \$6.00 per 100; 3-in., very large, \$8.00 per 100.
N. Smith & Son, Adrian, Mich.

6-ft. strings, 35c each; 8 to 12-ft. strings, 45c each. Cash.
H. M. Altick, Dayton, O.

Asparagus plumosus, all sizes.
A. S. MacBean, Lakewood, N. J.

A. plumosus nanus, 5-in., \$3.00 per doz.
John H. Ley, Good Hope, D. C.

A. Sprengerii, 3-inch, 60c per dozen. Cash.
Wm. Keir, Pikesville, Md.

AZALEAS.

Azalea Indica in the best market varieties, 10 to 12 inches in diameter, \$35.00 per 100; 12-inch diameter and up, \$40.00 per 100. Rhododendrons, extra fine for forcing, small plants, \$35.00 per 100; large plants, \$80.00 per 100. Snowballs for forcing, \$35.00 per 100. Lilacs, Charles X and Marie Legraye, \$45.00 per 100. Prices on all other plants cheerfully given.
F. W. O. Schmitz, Jersey City, N. J.

BEGONIAS.

Gloire de Lorraine, the grandest novelty of the day and one of the best selling plants for florists ever offered. Blooms continuously, autumn, winter and spring. Fine, strong plants from 3¼-in. pots, per doz., \$4.75; per 100, \$35.00. Flowering plants, from 2¼-in. pots, per doz., \$2.35; per 100, \$17.50. R. & J. Farquhar & Co., 16 So. Market St., Boston, Mass.

Begonia Rex, assorted, 2¼-in., \$4.00; named, \$6.00. Incarnata gigantea, 4-in., ready for 6-in., \$15.00; 2½-in., ready for 4-in., \$4.00 to \$6.00 per 100. Rooted cuttings, Erfordii, Rex, Incarnata gigantea, Flowering, \$2.00 per 100.
Greene & Underhill, Watertown, N. Y.

Rooted cuttings, best flowering varieties, \$1.25 per 100; \$10.00 per 1000. O. F. Searles, L. B. 1686, Nashua, N. H.

Best flowering varieties, 4-in., \$1.00 per doz.; \$8.00 per 100. C. Lengenfelder, Elgin, Ill.

Rex begonia, finest mixed, 3-in., \$4 per 100. Cash.
Geo. M. Emmans, Newton, N. J.

Choice varieties, named, 2¼-in., \$1.50 per 100.
Morris Floral Co., Morris, Ill.

BOUGAINVILLEAS.

Bougainvillea Sanderiana, strong, from 3-inch pots, 24-30 inches, \$8.00 per 100.
P. J. Berckmans Company, Augusta, Ga.

If you read these advs. others would read yours.

BULBS.

Narcissus Paper White grandiflora, extra, \$6.75 per 100. Dutch Hyacinths, first size, to name, \$65.00 per 1000; first size, to color, \$40.00 per 1000. Miniature Dutch Hyacinths, to name, \$20.00 per 1000. Narcissus Von Slon, mammoth, \$16.00 per 1000. Prices on all other bulbs cheerfully given.
F. W. O. Schmitz, Jersey City, N. J.

Surplus stock of 5,000 sound Calla Roots, in splendid condition. Will sell at following low prices until sold: ¾ to 1¼ inches diameter, per 100, \$2.50; per 1,000, \$20.00. Delivered, express charges prepaid to any United States address.
Germain Fruit Co. (Seed Department), Los Angeles, Cal.

Japan Lillium Longiflorum, 5-7-in., \$2.50 per 100; \$20.00 per 1000; 6-7 in., \$2.75 per 100; \$25.00 per 1000; 7-9 in., \$4.50 per 100; \$40.00 per 1000. Spirea Japonica, large clumps, \$3.00 per 100; \$25.00 per 1000. Lily of the Valley and Lillium auratum, prices on application. J. M. Thorburn & Co., 36 Cortlandt St., New York.

Russian Valley, per 100, \$2.00; per 1,000, \$15.00; per case of 2,500 pips, \$30.00. Hamburg and Berlin pips, \$10.00 per 1,000; per case, 2,500 pips, \$22.50. Stumpp & Walter Co., 50 Barclay St., New York.

Lil. longiflorum, 5-7, 100, \$2.50; 6-8, 100, \$4.00; 7-9, 100, \$6.50; 9-10, 100, \$11.00. Auratum, Rubrum, Album, etc. Send for list. H. H. Berger & Co., 47 Barclay St., New York.

Lillium Longiflorum, choice 7-9 bulbs, \$5.00 per 100. Spirea Japonica, \$3.00 per 100; Compacta, \$4.50 per 100.
Griffith & Turner Co., Baltimore, Md.

Excelsior Pearl Tuberose Bulbs and Caladium Esculentum Bulbs for Dec. and Jan. delivery. J. F. Croom & Bro., Magnolia, N. C.

Cold storage Lily of the Valley pips, \$12.50 per 1,000; \$30.00 per case. W. W. Rawson & Co., 12 Faneuil Hall Sq., Boston, Mass.

Callas. First size, 4-5-in. circum., \$4.00; second size, 3-4., \$2.00 per 100.
Jackson & Perkins Co., Newark, N. Y.

Best mixed Hyacinths, under color, \$4.00 per 100. Japan longiflorum, 7-9, \$7.50 per 100.
Brown & Canfield, Springfield, Ill.

Bulbs and Plants for Fall and Spring delivery. C. H. Joosten, Importer, 55 Dey St., N. Y.

Dutch Bulbs in any quantity.
Bobbink & Atkins, Rutherford, N. J.

CALADIUMS.

Caladiums, fancy named sorts, large, dry bulbs, ready by November, \$10.00 per 100.
P. J. Berckmans Company, Augusta, Ga.

CANNAS.

16 varieties, mixed, single eyes, \$1.00 per 100; \$5.00 per 1000. Morris Floral Co., Morris, Ill.

Send in your order now for a copy of the Florists' Manual.

CARNATIONS.

Orders booked now in order of receipt for rooted cuttings of the famous Mrs. Thomas W. Lawson, the \$30,000 Queen of Carnations, for spring delivery, commencing Feb. 1, 1900. Prices to the trade only: Per dozen, \$3.00; per 100, \$14.00; per 1000, \$120.00; per 5000, \$500.00; per 10,000, \$800.00. Terms strictly cash or C. O. D. from unknown parties. Address all orders and make all remittances payable to Thos. F. Galvin, 124 Tremont St., Boston, Mass.

Rooted cuttings of the following varieties now ready. Per 100: G. H. Crane, \$6.00; Glacier, Maud Adams, America and Melba, \$4.00; Gomez, \$5.00; Argyle, \$2.00; Empress, Bon Ton, Triumph, Daybreak and Morello, \$1.50.
Morris Floral Co., Morris, Ill.

Support your Carnations with the Model Extension Carnation Support, now regarded as the standard support, and by far the best yet offered. The Model Plant Stake Co., 236 No. 9th St., Brooklyn, N. Y.

Thrifty field carnations with plenty of roots. Send for prices. All the new and leading varieties.
Geo. Hancock & Son, Grand Haven, Mich.

Orders now booked for carnation cuttings for all fancy varieties. All cuttings guaranteed. Al. Chicago Carnation Co. Greenhouses and address, Joliet, Ill.

Headquarters for all new and standard varieties. If you want anything write us; information cheerfully given.
H. Weber & Sons, Oakland, Md.

Ethel Crocker. Absolutely the best carnation ever offered the trade. \$10.00 per 100; \$75.00 per 1000. 250 for \$18.75; 25 for \$2.50.
A. M. Herr, Lancaster, Pa.

Fisher, rooted cuttings, \$1.25 per 100; \$10.00 per 1000. O. F. Searles, L. B. 1686, Nashua, N. H.

5000 rooted cuttings of Mrs. Fisher carnation now ready for shipment, \$6.00 per 1000.
Chas. Schweigert, Niles Center, Ill.

Strong, well rooted cuttings of Mrs. Fisher, \$1.25 per 100; \$10.00 per 1000. Cash.
R. J. Gardner, Bayside, N. Y.

Best new and standard varieties. Write for catalogue and prices.
W. P. Peacock, Atco, N. J.

Mrs. Fisher, rooted cuttings, from soil, \$1.25 per 100.
C. Lengenfelder, Elgin, Ill.

New and standard varieties of Carnations.
F. Dorner & Sons Co., Lafayette, Ind.

CHRYSANTHEMUMS.

Major Bonnaffon stock plants, 10c each, \$1.00 per doz., or \$6.00 per 100. Clumps are large, full of young growth and are from prize winning stock. Also a limited quantity of other good varieties, such as Fitzwygram, Ivory, Rieman, Peirce, Yanoma, Murdock, etc.
Gunnar Tellmann, Marion, Ind.

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CLASSIFIED PLANT ADVERTISEMENTS—CONTINUED.

Stock plants from bench. Bergmann, Ivory, Pacific, Fitzwygram, Viviani-Morel, Bassett, Robinson, Jones, Bonnaffon, Wedding, etc., 5c each, packed light. Order early. Cash.
The Cottage Greenhouses, Litchfield, Ill.

Stock plants of the leading new and standard sorts. Write for prices.
H. Weber & Sons, Oakland, Md.

Stock plants, leading varieties, 5c each. Send list of wants.
H. M. Altick, Dayton, O.

CINERARIAS.

For Christmas blooming, 2½-in., \$2.00 per 100; 3-in., \$3.00 per 100; large plants in 4-in., \$1.00 per doz.
S. Whitton, 15 Gray Ave., Utica, N. Y.

Dwarf Cinerarias, Dreers strain, fine plants, 3-in., \$3.00; 2½-in., \$2.00 per 100.
J. S. Bloom, Riegelsville, Pa.

500 cinerarias from 2-in. pots, strong, \$1.50 per 100. Cash please.
H. L. Phelps, Springfield, Ill.

COLEUS.

20 new ones. Doctors Nelson, Anderson, Erickson, Peterson, Stevenson, Osmandson, Emerson, Olson, Johnson, Matterson, Carlson, Wilson, Thomson, Davidson, Siverson, Williamson, Jackson and Knutson, all in 2½-in. pots. The 20 Doctors for \$1.00; \$4.00 per 100. Also 20 of the best standard bedders, named, 2½-in., \$1.50 per 100; \$10.00 per 1000.
Rooted cuttings, 40 varieties, 50c per 100; unrooted, 60 varieties, 25c per 100.
Morris Floral Co., Morris, Ill.

Fancy coleus, rooted cuttings, separate colors, 80c per 100; mixed, 60c per 100.
Greene & Underhill, Watertown, N. Y.

Coleus, rooted cuttings, 50c per 100.
F. R. Thornton, Macomb, Ill.

Rooted cuttings, 50c per 100.
C. Lengenfelder, Elgin, Ill.

CROTONS.

12 finest sorts, color fine, 4-in., \$1.00 per doz.
John H. Ley, Good Hope, D. C.

CUT BLOOMS.

Roses, carnations, paper whites, Romans, smilax.
Geo. A. Kuhl, Pekin, Ill.

CYCLAMEN.

Cyclamen, select, 3-inch, \$12.00 per 100; 4-inch, \$15.00 per 100; 5-inch, \$25.00; extra select, 5-in., ready for 6-inch, \$4.00 per dozen; 6-inch, \$6.00 per dozen; 7-inch, specimens, \$12.00 per dozen.

McKellar & Winterson, 45, 47, 49 Wabash Ave., Chicago.

Cyclamen persicum giganteum. Splendid stock of plants, assorted colors, 3-in., ready for 4-in., \$1.00 per doz.; \$7.00 per 100. Only a few hundred left.

E. C. McFadden, Short Hills, N. J.

1000 Cyclamen in 6 and 7-inch pots, as fine as the best, just right for Christmas, \$8 and \$9 per doz. Cash. Geo. A. Rackham, 880 Van Dyke Ave., Detroit, Mich.

Cyclamens, giganteum and persicum, 3-in., \$5.00 per 100.
S. Whitton, 15 Gray Ave., Utica, N. Y.

Cyclamen giganteum, in bud and bloom, 5-in., 20c each. Will exchange for geraniums.
J. S. Bloom, Riegelsville, Pa.

Cyclamen giganteum, 3-in., \$6; 4-in., \$10 per 100. Cash. Geo. M. Emmans, Newton, N. J.

Cyclamen, 4 colors, 2½-in., \$5.00 per 100.
N. Smith & Son, Adrian, Mich.

DAHLIAS.

Dahlias by the tens of thousands. Get my catalogue before ordering elsewhere.
W. W. Wilmore, Box 382, Denver, Colo.

DAISIES.

New giant California white Marguerite and the new golden Marguerite, two of the greatest selling plants of the year, strong 2½-in., \$2.50 per 100; rooted cuttings, \$1.00 per 100.
South Side Floral Co., Springfield, Ill.

Snowball and Longfellow, 50c per 100; \$3.00 per 1000.
Byer Bros., Chambersburg, Pa.

DRACAENAS.

15,000 Dracaena indivisa, in 2-in., \$3.00 per 100; \$25.00 per 1000. Florists' Supply Co., No. Tonawanda, N. Y.

Dracaenas indivisa, 3-in., strong plants, \$3.00 per 100. L. A. Spoden, 23rd and Parade Sts., Erie, Pa.

Dracaena indivisa, in flats, \$5.00 per 100.
Greene & Underhill, Watertown, N. Y.

FERNS.

	Pot.	Doz.	100.
Cyrtomium Falcatum,	3-in.	\$1.00	\$ 8.00
"	4-in.	2.00	....
"	5-in.	3.00	....
"	6-in.	5.00	....
Blechnum Orientale,	2-in.	.50	4.00
Lomaria Gibba,	4-in.	1.50	12.00
Pteris Serrulata,	2-in.	.50	4.00
Pteris Argyrea,	2-in.	.50	4.00
Pteris Tremula,	2-in.	.50	4.00
Pteris Umbrosa,	6-in.	3.00	20.00
Nephrolepis Exaltata,	4-in.	1.50	12.00
"	5-in.	2.00	....
Nephrolepis Pectinata,	4-in.	1.50	12.00
Nephrolepis Philipensis,	4-in.	1.50	12.00
"	5-in.	2.00	....
Nephrolepis Bostoniensis,	4-in.	2.00	....
"	5-in.	3.00	....
"	6-in.	5.00	....

Geo. Wittbold, 1708 N. Halsted St., Chicago.

Farleyense. Most beautiful of all the adiantums. We are headquarters. 2-in., \$10.00 per 100; 3-in., \$3.00 per doz.; \$20.00 per 100; 4-in., \$6.00 per doz.; \$40.00 per 100; 5-in., \$9.00 per doz.; 6-in., \$15.00 per doz. Adiantum cuneatum, just right for potting on, 2-in., \$4.00; 3-in., \$8.00 per 100. Boston ferns, largest and finest stock in the country, 2-in. pots for growing on, \$5.00 per 100; \$40.00 per 100. All large sizes in any quantity. Send for prices. Mixed ferns for fern dishes, fine selection of the hardiest varieties, \$5.00 per 100; \$40.00 per 1000.
E. C. McFadden, Short Hills, N. J.

Ferns. 20 new and choice sorts, 4-in., \$10.00 per 100; 10 new and choice sorts, 2-in., \$4.00 per 100. Nephrolepis Washingtoniensis, 4-in., \$3.00 per doz. Selaginella Africana, 3-in., 50c per doz. Adiantum hybridum, new, 8-in., \$1.00 each. Ferns from flats, nice little plants for small pots, 10 sorts, 100 free by mail, \$1.25. Adiantum cuneatum, extra large, 4-in., \$10.00 per 100. Careful packing. Cash with order.
John H. Ley, Good Hope, D. C.

Fern Spores. We are headquarters. Extra large pkt. sufficient for 3000 plants, \$1.00, postpaid. Collection of 12 best varieties, each in separate package, \$5.00, postpaid. Cultural directions with each order. Send for prices on Boston Ferns, Farleyense, etc.
E. C. McFadden, Short Hills, N. J.

Boston Ferns. N. Exaltata Bostoniensis, small plants, \$5.00 per 100 to \$40.00 per 1,000; largest size, \$5.00 to \$20.00 per 100; not less than 250 at 1,000 rate.
Wm. A. Bock, No. Cambridge, Mass.

Nephrolepis Washingtoniensis, the giant decorative fern, originated with me. 4 large or 6 small plants sent free by mail for \$1.00. Send for price list for holiday decoration plants.
N. Studer, Anacostia, D. C.

The Boston Fern. A specialty. Specimen plants, cut from bench, for 7, 8 and 10 in. pots, at \$50, \$75 and \$100 per 100. Cash or ref.
L. H. Foster, 45 King St., Dorchester, Mass.

Nephrolepis Exaltata Bostoniensis, the handsomest decorative plant in cultivation, \$5.00 per 100; \$40.00 a 1000. Mine is the genuine stock.
Fred. C. Becker, Cambridge, Mass.

Adiantum cuneatum, select stock, \$5.00 per 100; \$55.00 per 1000. Ready for shipment at once. M. A. Hunt Floral Co., Box 235, Terre Haute, Ind.

Boston ferns and Nephrolepis cordata compacta, 2½-in., \$5.00 per 100. In pans, 50c, 75c, \$1.00, \$1.25 and \$1.50 each. Cash please.
Carl Hagenburger, W. Mentor, Ohio.

Small ferns in choice assortment, out of 2 and 2½-inch pots, \$4.00 per 100. Cash. Geo. A. Rackham, 880 Van Dyke Ave., Detroit, Mich.

300 Adiantum cuneatum, 3-in. pots, ready for 4-in. Make us an offer.
Mills & Wachter, Jacksonville, Fla.

Nephrolepis cordata compacta, 2½-in., \$4 per 100. Cash. Geo. M. Emmans, Newton, N. J.

Pteris tremula, 2-in., 50c per doz.; \$4.00 per 100.
C. Lengenfelder, Elgin, Ill.

FORGET-ME-NOTS.

Winter flowering, 2½-in., \$4.00 per 100; rooted cuttings, \$2.00 per 100.
Greene & Underhill, Watertown, N. Y.

FUCHSIAS.

Fuchsia, rooted cuttings, Trailing Queen and four others, \$1.50 per 100.
Greene & Underhill, Watertown, N. Y.

Fuchsias, in variety, in 2½-inch pots. Our selection, \$3.00 per 100. Cash with order.
J. E. Felthousen, Schenectady, N. Y.

Rooted cuttings, \$1.00 per 100.
C. Lengenfelder, Elgin, Ill.

GARDENIAS.

Gardenia Florida, from 2-inch pots, 8-10 inches, branched, \$10.00 per 100.
P. J. Berckmans Company, Augusta, Ga.

GERANIUMS.

Bronze and Silver Leaf, 3½-in., \$6.00; Sweet Scented, Mrs. Pollock, 2½-in., \$4.00; Mrs. Parker, 2½-in., \$6.00; Happy Thought, Silver Leaf, 2½-in., \$4.00 per 100. Rooted cuttings, Double New Life, \$4.00 per 100; Gloire De France, Grand Chancellor, Happy Thought, Mrs. Pollock, Beaute Pointevine, Vulcan, King Olga, E. G. Hill, Wonder, A. Riccard, S. A. Nutt, F. Perkins, \$2.00 per 100; \$15.00 per 1000; Freak of Nature, Mars, \$3.00 per 100; Mrs. Parker, dbl. pink silver leaf, \$4.00 per 100; Silver Leaf, rose scented, \$1.50 per 100; Mme. Sallerol, \$1.25 per 100. Assorted common, \$1.50 per 100; mixed, \$1.25 per 100; \$12.00 per 1000.
Greene & Underhill, Watertown, N. Y.

Geranium Novelties for 1900. The finest collection in America. A set of selected Double Bedders, Single Bedders, Fancy Doubles, Mammoth Fancy Singles and Ivy Leaved varieties. A full line of 1899 introductions in all the above sections, also a full line of selected standard bedders.

The Cottage Gardens, Queens, N. Y.

Twelve of the best varieties of geraniums, but mixed, \$1.50 per 100. From 2-in. pots. Cash with order.
Logan Ave. Greenhouses, Danville, Ill.

Best bedding varieties, mixed, in fine growing condition, 2-in., \$2.50 per 100; rooted cuttings, \$1.50 per 100.

C. Lengenfelder, Elgin, Ill.

Mixed, good assortment, not labeled, from 2-in. pots, \$1.50 per 100.
E. I. Rawlings, Quakertown, Pa.

35 varieties, mixed, labeled true to name, 2½-in., \$1.50 per 100. Cash.
A. Brumley, Birmingham, Iowa.

GREVILLEA.

Grevillea Robusta (silk oak), for sale at 10c, cash, or will trade for rooted cuttings of white or pink geraniums. 55 4-inch pot plants, 12 to 16 inches high. Wm. B. Lovell, Sabula, Ia.

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CLASSIFIED PLANT ADVERTISEMENTS—CONTINUED.

HARDY PLANTS.

Oaks 10,000 Fin. Scarlet, Red, White, Willow leaved, English and Turkey, 4 to 10 ft. Maples, 100,000 Norway, Sugar, Sycamore and Silver Leaved, all sizes. Catalogue on application. Send estimate of wants for prices. The Wm. H. Moon Co., Morrisville, Pa.

Biota Aurea Nana, a perfect gem, fine, shapely plants, hardy north. 10 to 12 inches high, \$10.00 per 100; \$30.00 per 1000; 12 to 15 inches, \$12.00 per 100; \$100.00 per 1000; 15 to 18 inches, \$20.00 per 100. P. J. Berckmans Company, Augusta, Ga.

Eglantina, the true fragrant sweet briar, Rosa Rubiginosa, 4-5 ft., \$5.00; 2-3 ft., \$3.00; 1-2 ft., \$2.00 per 100. Berberis Thunbergii, \$3.00 per 100. T. R. Watson, Plymouth, Mass.

Viburnum Tomentosum. A rare and beautiful shrub. Herbaceous Perennials a specialty. Price list and descriptive catalogue on application. Rea Brothers, Norwood, Mass.

Deutzia Gracilis, strong, bushy plants for forcing, \$8.00 per 100. Samuel C. Moon, Morrisville, Pa. Send for price list of hardy shrubs and trees.

Spiraeas, extra large clumps, per 100, Japonica, \$3.50; compacta, \$5.00; astilboides floribunda, \$5.00; japonica aurea reticulata, \$10.00. Rhododendrons for forcing, 50c each; \$5.00 per doz. Well budded plants. Bobbink & Atkins, Rutherford, N. J.

Hollyhocks, Chater's, white, pink, red, blush, yellow. Aug. 1st sown, \$1.00 per 100; \$7.00 per 1000. Byer Bros., Chambersburg, Pa.

Hardy herbaceous plants only. In any quantity for the least money. Edw. B. Jackson, Stamford, Conn.

Hardy Grass Pinks, \$3.00 per 100. Morris Floral Co., Morris, Ill.

HELIOTROPE.

Heliotrope, rooted cuttings, the best, 75c per 100. F. R. Thoraton, Macomb, Ill.

Rooted cuttings, \$1.25 per 100. Greene & Underhill, Watertown, N. Y.

15 varieties, \$1.00 per 100. S. D. Brant, Clay Center, Kan.

Rooted cuttings, \$1.00 per 100. C. Lengenfelder, Elgin, Ill.

HYDRANGEAS.

Otaska and Thos. Hogg, \$10.00 per 100. Extra value, satisfaction guaranteed. Jackson & Perkins Co., Newark, N. Y.

Hydrangea, pink, 3-in., \$6.00 per 100. Greene & Underhill, Watertown, N. Y.

IPOMCEA.

Ipomoea pandurata, day blooming Moon-flower, in any amount. State number wanted and write for prices. James Frost, Greenville, Darke Co., Ohio.

MANETTIA.

Manettia bicolor, 2½-in., \$6.00; rooted cuttings, \$2.00 per 100. Greene & Underhill, Watertown, N. Y.

MUSHROOM SPAWN.

Best English Milltrack, just arrived, \$7.00 per 100 lbs. In 500 lb. lots at \$6.50 per 100. Johnson & Stokes, 219 Market St., Phila, Pa.

ORCHIDS.

In stock for immediate delivery. Fine established potted plants Odont. crispum (Pacho type), and finest hybrids in America. Lists and prices on application. Arnold & Co., Orchidists, 222 St. Mark's Sq., Philadelphia.

Orchids have for very many years been a specialty with the undersigned, and the collection is steadily augmented by fresh importations from the collectors of the firm. It is not easy, without seeing it, to form an adequate conception of the stock. Extent is simply immense. Quality fine. Prices moderate. HUGH LOW & CO., BUSH HILL PARK NURSERY, ENFIELD, ENGLAND.

Just arrived in fine condition, Cattleya Mendellii; also C. labiata, C. speciosissima and C. Harrisoniae. Cherry wood baskets, moss and peat. Lager & Hurrell, Summit, N. J.

Strong, well established, healthy plants, at \$9.00 per doz. Fern roots of best quality, \$1.00 per barrel. W. Mathews, Utica, N. Y.

PEONIES.

Paeonia officinalis rubra plena, \$10.00 per 100; \$1.50 per dozen. This is the true dark crimson variety, the earliest flowering paeonia in existence and the only one good for forcing. Paeonia chinensis, colors mixed, \$8.00 per 100; pure white, \$15.00 per 100; named, 50 plants in 50 distinct varieties, per collection, \$15.00. Bobbink & Atkins, Rutherford, N. J.

Tree paeonias, in pure white, rose, red and variegated. Should be planted now in pots. Commands high prices for Easter bloom. If desired special directions will be given to insure best success. We offer fine stock, per plant, 65 cts.; per dozen, \$6.00; 25 plants, \$10.00. H. H. Berger & Co., 47 Barclay St., New York.

PALMS, ETC.

WITTBOLD'S OFFER OF PALMS AND OTHER DECORATIVE PLANTS. Measurements from top of pot to top of tallest leaf.

	Pot	H't.	Char.	
	in.	in.	lvs.	Each. Doz.
Latania Borbonica,	2			\$.50
"	3			1.50
"	5	16-20	5-8	.50 5.00
"	6	18-22	5-7	.75 6.00
"	7	20-24	6-8	1.00 12.00
"	8	22-30	7-8	2.00 24.00
"	9	24-34	7-8	2.50 30.00
"	9	26-36	8-9	3.00 36.00
Cocos Weddelliana,	3	14-18	4-6	.25 2.00
Kentia Belmoreana,	3	5-7	3-4	.25 2.00
"	3	8-10	4-5	.30 3.00
"	5	12-20	5-6	.75 7.20
"	6	18-22	6-7	1.00 12.00
"	6	20-25	5-7	1.50 18.00
"	7	24-32	6-7	2.50 30.00
"	10			8.00
Kentia Forsteriana,	5	20-24	4-6	.75 7.20
"	5	25-28	4-6	1.00 12.00
"	6	26-30	6-8	1.50 18.00
"	7	36-40	5-6	2.50 30.00
"	10			8.00
Ficus Elastica,	4	12-14		.25 2.00
"	5	16-18		.50 5.00
"	6			1.00 12.00

	Pot	H't.	Tiers.	Each Doz
	in.	in.		
Araucaria Excelsa,	3	6-8	2-3	\$.50 \$ 6.00
"	4	10-12	2-3	1.00 10.00
"	5	18-20	3-4	1.25 15.00
"	7	36-38	6-7	2.50 30.00

Dracaena terminalis, 4-inch pots, fine plants, \$3.00 per doz. Dracaena fragrans, fine plants, per doz., 4-inch, \$3.00; 6-inch, \$5.00; 8-inch, \$7.00.

Peperomia Argyreia, per doz., 2-inch, 75 cts; 3-inch, \$1.50; 4-inch, fine plants, \$2.00. Geo. Wittbold, 1708 N. Halsted St., Chicago.

To close out for want of room, ready for a shift.

	Inch	Pots.	100.	1000.
400 Phoenix Reclinata,	4		8.00	
1000 Phoenix Reclinata,	2		5.00	\$45.00
5000 Pteris Tremula,	2		2.50	20.00
2000 Pteris Ensifolia,	2		2.50	20.00
2000 Pteris Surrulata Max,	2		2.50	20.00
3000 Pteris Longifolia,	2		2.50	20.00
2000 Pteris Surrulata,	2		2.50	20.00
2000 Pteris Surr. Com Nana,	2		3.00	25.00
1000 Pteris Onardia,	2		2.50	20.00
1500 Nep. Bostoniensis,	2½		5.00	40.00
2000 Nep. Cor. Compacta,	2½		4.00	35.00
2000 Nep. Exaltata,	2½		4.00	35.00

Would exchange for 500 Adiantum Cuneatum. Cash with order. The E. Hippard Co., Youngstown, O.

	Pot	H't.	Char.	Per	Per
	in.	in.	lvs.	100.	1000.
Latania Borbonica,	4	12-15	2	\$15.00	\$125
"	4	15-18	2-3	20.00	150
"	5	18-20	4-5	25.00	
Phoenix Canariensis,	4	15-18	4-5	15.00	
Seaforthia Elegans,	4	18-20	3	20.00	

P. J. Berckmans Company, Augusta, Ga.

Kentia Belmoreana, very scarce. We have a fine block of bushy little plants in 3-in. pots, about 5 leaves, just right for center piece, \$3.00 per doz.; \$25.00 per 100.

Cocos Weddelliana, our stock cannot be surpassed. Fine stocky plants from 3-in. pots, \$2.00 per doz.; \$15.00 per 100. \$140.00 per 1000. E. C. McFadden, Short Hills, N. J.

Cocos Nucifera, fine large plants, 25c to 40c each. Tillandsia, Orchids, Zamias, Crinums, Agaves, Cannas, Caladiums, Ananassa, Eugenia, Acrostichum, Nephrolepis Exaltata and other stock for sale or exchange for 10,000 callas and fancy caladiums. Soar Bros., Little River, Florida.

Corypha Australis, fine palm, 20-in. high, 5-in. pots, \$3.00 per doz. Ficus Elastica, 20 to 25-in. high, 6-in. pots, \$8.00 per doz.; 18 to 20-in. high, \$5.00 per doz.; 12 to 16-in. high, \$4.00 per doz. Cash. G. Aschmann, 1012 Ontario St., Phila., Pa.

Fresh crop 1899 seed, guaranteed, Kentia Belmoreana or Forsteriana, 100 a doz.; 1000 a \$4.25, including delivery. Sample doz., 30 cts. H. H. Berger & Co., 47 Barclay St., New York.

Large stock of handsome home grown palms and decorative plants of all the leading varieties at popular prices. Send for price list. Lemuel Ball, Wissinoming, Philadelphia, Pa.

Ficus elastica. Nice, clean, healthy stock, from 5-inch pots, well leaved from pot up, 18 to 24 inches high, \$4.00 a dozen; \$30.00 a 100. McGregor Bros., Springfield, O.

Pandanus Veitchii, vigorous, shapely plants, each, 6-in., \$1.00; 7-in., \$1.50; 8-in., \$2.00. Discounts on large orders. J. Welsh Young, Germantown, Pa.

700 Rubber plants, 2 to 4 ft. high, 6 and 7-in. pots. Write for prices. Wm. C. Duncan, 659 Academy St., Long Island City, N. Y.

Phoenix reclinata, strong plants from 6-in. pots, \$6.00 per doz. C. Elsiele, 11th & Jefferson Sts. Philadelphia, Pa.

Pandanus utilis, 7-inch pots, 2½ feet from pot, \$1.50 each. Cash. Otis F. Searles, L. B. 1633, Nashua, N. H.

Aspidistra, extra fine plants. Variegated, 10c per leaf, green, 6c per leaf. Bobbink & Atkins, Rutherford, N. J.

Kentia Belmoreana and Forsteriana, 3-in., and Latania Borbonica, 4-in., 25c each. Cash. Geo. M. Emmans, Newton, N. J.

Peperomias argyrea and arifolia, 3-in., 50c per doz. John H. Ley, Good Hope, D. C.

PANSY PLANTS.

For Pansy Seed see under heading "Seeds."

Schmidt's pansies have no equal, the cream of all pansies, fine, large plants, 50c per 100; \$3.00 per 1000. Bellia, extra fine; Snowball, Longfellow, 50c per 100; \$3.00 per 1000. Forget-me-Not, blue, hardy, 60c per 100; \$4.00 per 1000. J. C. Schmidt, Bristol, Pa.

The Jennings strain. Plants now ready. All colors, finest mixed, by mail 60c per 100, by express \$4.00 per 1000. E. B. Jennings, L. B. 254, Southport, Conn.

Good plants, by express, \$2.50 per 500; \$4.00 per 1000. C. Soltau & Co., 199 Grant Ave., Jersey City, N. J.

Fine, mixed, \$3.00 per 1000; liberal discount on 5000. O. F. Searles, L. B. 1636, Nashua, N. H.

Giant White pansy plants, \$3.00 per 1000. Morris Floral Co., Morris, Ill.

Herr's Pansies, the best strain in the world. A. M. Herr, Lancaster, Pa.

Pansy plants, all sizes, write for prices. Morris Floral Co., Morris, Ill.

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CLASSIFIED PLANT ADVERTISEMENTS—CONTINUED.

PELARGONIUMS.

The Queen, 2½-in., \$2.00 per 100.
Morris Floral Co., Morris, Ill.

15 best varieties of pelargoniums, \$2.00 per 100.
S. D. Brant, Clay Center, Kan.

PETUNIAS.

Are a good money maker. I have the best mixture in the U. S. to-day, consisting of 10 varieties of Dreers, 2 varieties from Australia, 9 varieties from France, 4 varieties from Germany and 5 varieties from England. The 30 varieties all mixed together in 2½-in. pots at \$2.00 per 100.

Morris Floral Co., Morris, Ill.

Henderson's and Dreer's choicest varieties. Extra strong 2-in. pot plants, \$2.00 per 100; \$18.00 per 1000. Extra strong rooted cuttings, \$1.00 per 100; \$8.00 per 1000.

South Side Floral Co., Springfield, Ill.

Petunias, double fringed, a good assortment of money makers, 2-in., \$2.00 per 100; rooted cuttings, \$1.00 per 100.

E. I. Rawlings, Quakertown, Pa.

30 varieties, every one fine, \$1.25 per 100.
S. D. Brant, Clay Center, Kan.

Rooted cuttings, \$1.00 per 100.
C. Lengenfelder, Elgin, Ill.

PRIMROSES.

Extra fine grown Primula Chinensis, 4-inch, \$10.00 per 100; 5-inch, \$2.00 per dozen; \$15.00 per 100. Baby primrose, 4-inch, \$2.00 per dozen; \$15.00 per 100; 3-inch, \$12.00 per 100. Primula floribunda (new), 4-inch, \$15.00 per 100; 3-inch, \$10.00 per 100. Primula obconica grandiflora, 4-inch, \$12.00 per 100; 5-inch, \$3.00 per dozen. McKellar & Winterson, 45, 47, 49 Wabash Ave., Chicago.

Primroses, finest strain. Chinese, from 2-inch pots, \$1.50 per 100; from flats, \$1.00 per 100; \$8.00 per 1,000. Obconica grandiflora, 4-inch, in bud and bloom, \$4.00 per 100.

Orange Floral Co., West Orange, N. J.

Chinese, 3-in., \$5.00, 4-in., \$6.00 per 100; 6-in. pans, \$3.00 per doz. Obconica grandiflora and Hybridum, same size and price as Chinese. All in bud and bloom.

N. Smith & Son, Adrian, Mich.

New Yellow Baby Primrose, \$1.20 per doz.; \$10.00 per 100. Chinese, 2½-in., \$1.50; 3-in., \$3.00; from flats, 75c per 100. Obconica, 2½-in., \$1.50; 3½-in., \$3.00 per 100.

Morris Floral Co., Morris, Ill.

Chinese Primrose, finest fringed varieties, 2-in., \$2.00; 2½-in., \$3.00 per 100; 3-in., \$4.00 per 100. Cash. Geo. M. Emmans, Newton, N. J.

Primula Forbesii, blooming plants in 2½-inch pots, \$3.00 per 100. Cash. W. J. Engle, Xenia Ave. and Dover St., Dayton, O.

Chinese primroses, strong, 3-inch pots, 50c per doz.; 4-in. pots 75c per doz. C. Elsele, 11th & Jefferson Sts., Philadelphia, Pa.

Obconica grandiflora, extra strong, from flats, mailed for \$1.00 per 100. Cash.

H. W. Koerner, Milwaukee, Wis.

In bud, 2-in., \$2.00; 2½-in., \$3.00 per 100.
Greene & Underhill, Watertown, N. Y.

ROSES.

Wire Rose Stakes. Straight or looped and pointed. Samples and prices on application. The Model Plant Stake Co., 226 No. 9th St., Brooklyn, N. Y.

Crimson Ramblers, extra strong, \$25.00 per 100. Hybrid roses, low budded, \$10.00 per 100; \$75.00 per 1000.

F. W. O. Schmitz, Jersey City, N. J.

American Beauty, Bridesmaid, Perle, Bride, Sunset, Meteor, Morgan, Testout, Mermet, La France, 3, 3½ and 4-inch.

A. S. McBean, Lakewood, N. J.

The grand new rose Liberty, most nearly approached by Meteor in color, but far surpassing that standard variety in brilliancy and purity of color, as well as in size; never showing any deformed, black or bull heads either in winter or summer and far surpassing Meteor in freedom of bloom. A remarkable keeper when cut, keeping its brilliancy of color without turning blue or dropping its petals, as is the case with Gen. Jacqueminot, which it somewhat resembles in size and fragrance. Prices are as follows for A1 stock: Own rooted plants in 2½-inch pots, 12 plants, 60c; 25 plants, 50c; 50 plants, 30c; 100 plants, 25c; 1000 plants, 20c each. Grafted plants in 2½-inch pots: 12 plants, 75c; 25 plants, 60c; 50 plants, 50c; 100 plants, 40c; 1000 plants, 35c each. Satisfactory reference or deposit from all unknown correspondents. Orders coming in after this date can be filled only in April or later, as my stock for March delivery is all sold.

E. G. Asmus, West Hoboken, N. J.
Agents: J. C. Vaughan, Chicago, Ill.; J. N. May, Summit, N. J.; F. R. Pierson Co., Tarrytown-on-Hudson, N. Y.

Liberty Rose. We have sole control for the New England states.
Edmund M. Wood & Co., Natick, Mass.

1000 Bridesmaid roses, 2½ and 3-in., \$2.50 per 100 to close out.
South Side Floral Co., Springfield, Ill.

First rooted cuttings of roses ready for immediate shipment. Geo. A. Kuhl, Pekin, Ill.

Hardy roses in great variety.
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Manetti stocks for fall delivery.
Hiram T. Jones, Elizabeth, N. J.

SALVIA.

Salvia splendens, 2½-in., \$2.50 per 100; rooted cuttings, \$1.00 per 100.
South Side Floral Co., Springfield, Ill.

Salvia, rooted cuttings, \$1.25 per 100.
Greene & Underhill, Watertown, N. Y.

SEEDS.

Verbena seed, new crop just received. Our Mammoth strain cannot be equalled for size and rich colors. Entirely free from rust. Mammoth, mixed, scarlet, white, pink, \$1.50 per oz.; 50c per ¼ oz. Smilax seed, new crop, \$3.00 per lb.; 25c per oz.; 15c per ¼ oz. Our new wholesale price list and order sheet of a full line of seeds is now ready. Write for it. Mailed free. Henry F. Michell, seedsman, 1018 Market St., Phila.

Our Specialties: Sweet peas, cosmos, hollyhock, verbena, aster, mignonette, etc.; onion, lettuce, celery, carrot, salsify, parsnip, lima beans, salt bush, bromus grass, Bermuda grass, Johnson grass, etc. All California grown. Wholesale only.
Perry Watson & Co., Sacramento, Cal.

The Jennings Pansy. All large flowering and of the most brilliant colors. Sure to give satisfaction. \$1.00 per pkt.; \$5.00 per oz.
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Seeds, Bulbs, Florists' supplies, etc. We carry a large stock. Western florists should send for our wholesale price list.
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Sweet Pea and other California grown Flower Seeds ready. H. H. Berger & Co., 47 Barclay St., New York.

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Special seeds for the florist and gardener. Send for wholesale catalogue.
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Pansy seed, 3-16 oz., \$1.00; 1 oz., \$4.00. Cash with order.
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199 Grant Ave., Jersey City, N. J.

Cabbage and Cauliflower seed specialist.
Francis Brill, Hempstead, L. I., N. Y.

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String your Smilax with Meyer Green Silka-line. Send for samples and prices. John C. Meyer & Co., Mfrs. and Wholesalers, 87 Summer St., Boston, Mass.

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Cabbage plants, field grown, 15c per 100; \$1.00 per 1000; if by mail add 10c per 100. Write for prices on large lots for fall planting. Lettuce. Boston Market, Tennis Ball, Curled Simpson and other varieties, field-grown, 15c per 100; \$1.00 per 1000, if by mail add 10c per 100. Parsley, strong plants, \$1.50 per 1000; \$12.50 per 10,000. Cash with order.

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20th century verbenas, thirty-two grand mammoth varieties, including the new Capt. Dreyfus, Helen Gould, Melba and others. This is the set that will make money for you in 1900. Strong 2-in. pot plants, ready now, \$2.00 per 100; rooted cuttings, 50c per 100; \$5.00 per 1000. South Side Floral Co., Springfield, Ill.

60 finest named varieties, including our new mammoth white, Mrs. McKinley, the finest white verbenas grown. Healthy, free from rust. Rooted cuttings, 60c per 100; \$5.00 per 1,000. Plants, \$2.50 per 100; \$20.00 per 1,000. Our list is the choice from millions of seedlings.
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We have all the best, plenty of red and pink, 60c per 100; \$5.00 per 1000.
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Major and Var., strong rooted cuttings, \$1.00 per 100.
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Vincas, rooted cuttings, \$1.50 per 100; \$12.50 per 1000. In 3-in. pots, \$5.00 per 100.
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Vincas, center of foliage yellow, 2½-in., 50c per doz.; \$3.00 per 100.
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Vinca Var. R. C., by mail, \$1.15 per 100. Cash.
Dann & Son, Westfield, N. Y.

Variegated vincas, 2½-in., \$2.00 per 100.
Morris Floral Co., Morris, Ill.

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Single white violets, clumps from open ground, \$5.00 per 100. California, clumps, \$4.00 per 100. C. Elsele, 11th & Jefferson Sts., Philadelphia, Pa.

25,000 fine rooted cuttings, Lady Campbell violets, \$5.00 per 1000. Samples free. Wm. Swayne, Box 226, Kennett Square, Pa.

Princess of Wales, strong plants, \$2.00 per 100. Samples, 10c.
Evenden Bros., Williamsport, Pa.

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Feverfew, Little Gem and Golden Leaved, 2½-in., \$1.50 per 100. Mesembryanthemum erectum. Basket Plant and California Moss, rooted cuttings, \$1.00 per 100. Cigar Plant, 2½-in., \$1.50 per 100. Lycopodium dent., 2½-in., \$1.50 per 100. Iresines, 2 colors, 2½-in., \$1.50 per 100. Dusty Miller, 2½-in., \$3.00 per 100. Rooted cuttings of Golden Leaved feverfew, \$1.00 per 100.
Morris Floral Co., Morris, Ill.

Lemon Verbena, \$3.00, \$4.00 and \$6.00 per 100. Impatiens Sultani, 2½-in., \$3.00 per 100. Rooted cuttings: Impatiens Sultani, \$2.00. Fragrant calla, 2½-in., \$1.50; 4-in., \$3.00 per doz. Mignonette, 2-in., \$2.00 per 100.
Greene & Underhill, Watertown, N. Y.

Rooted cuttings of Mesembryanthemums and Gazania grandiflora, \$1.00 per 100. Mountain Villa Conservatories, Box 254, Sharon, Mass.

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CLASSIFIED ADVERTISEMENTS—CONTINUED.

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Florists' Boxes. The J. W. Sefton Mfg. Co., 241-247 E. Jefferson St., Chicago.

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Our pack of new crop California Pampas Plumes are now being cased. The quality is excellent. Early orders solicited. First size, 24½-35 inches and over (3,500 to a case), per 1,000, \$12.50; second size, 18-24 inches (6,000 to a case), per 1,000, \$7.50. F. O. B. Los Angeles. In lots of less than one case the price is 20 per cent additional. Terms net cash, sight draft with bill of lading. The cases are one marine ton, 40 cubic feet, weighing, first size about 400 lbs., and second size 350 lbs. per case.

German Fruit Co. (Seed Department), Los Angeles, Cal.

Laurel wreathing, 5c per yd. Ground Pine wreaths, with immortelle flowers worked in \$1.50 per doz. Bouquet-green wreathing, 5c per yd. Evergreen wreathing, 4c per yd. Laurel wreaths, 10c. Also mistletoe, hardy ferns, palm leaves, wild smilax. My greens are A. J. A. Keeney, Monongahela City, Pa.

Delaware holly wreaths of the best grade. Bright green foliage and plenty of berries. Orders booked now for shipments which will go forward at the proper time. None but strictly fresh goods sent out. Samples supplied when wanted. For prices and terms address J. W. C. Pullen, Milford, Del.

Wild smilax, \$2.00 per 50-lb. case. Sham-rock, \$2.00 a case; needle pines, \$50.00 per 1000 or \$6.50 a 100; ferns, \$1.25 to \$1.75 per 1000. Cash with order or C. O. D. We spare no pains in collecting first-class stock. Wire us via Georgiana.

J. G. Barrow & Co., Red Level, Ala.

Christmas wreathing, good heavy grade, wound on cord, will not pull apart. Bright, fresh, green, per 100 yds., \$3.00. Special rate on large lots. Prompt shipment. Cash with order. Keenan's Seed Store, 6112 Wentworth Ave., Chicago.

Holly. Choice Delaware stock just cut, now in. Also evergreen wreathing, well wound. Send for holiday circular for prices. W. W. Barnard & Co., 161-163 E. Kinzie St., Chicago.

Delaware Holly of the best grade, foliage of bright green and well berried. Orders book now for shipments which will go forward, freshly packed, at the proper time. For prices and terms address Alex. Pullen, Milford, Del.

Case No. 1, \$1.00; No. 2, \$2.00; No. 3, \$3.00; No. 4, \$3.50; No. 5, \$4.00; No. 6, \$4.50. Carefully selected stock, full cases. Write for art catalogue "Evergreens of the Southland." Caldwell The Woodsman Co., Evergreen, Ala.

Wreathing; 3 sizes, well wound, fresh stock, \$2.75, \$3.50, \$4.50 per 100 yards. Also bouquet green, \$4.50 per 100 lbs. Four through railroads, low rates, prompt service. Cash or reference. Joseph Bancroft & Son, Cedar Falls, Ia.

Galax leaves and leucothoe sprays. To dealers outside New York state. Choice galax, 40c per 1000; choice leucothoe, \$2.00 per 1000. Special prices to wholesale dealers.

J. N. Pritchard, Elk Park, N. C.

Evergreen wreathing, well wound, fresh, first-class stock. Also choice Delaware holly. Send for holiday circular for prices. W. W. Barnard & Co., 161-163 E. Kinzie St., Chicago.

Choice North Carolina galax leaves, \$1.00 per 1000. Florida Natural Products Co., Orlando, Fla. Shipping Point, Linville Section, N. C.

Galax leaves, green and bronze. Write the introducer. H. P. Kelsey, 1106 Tremont Bldg., Boston, Mass.

Hardy cut ferns, \$1.00 per 1000. Discount on larger orders. L. B. Brague, Hinsdale, Mass.

Galax leaves. Chas. H. Ricksecker, Linville, N. C.

10000 Ivy leaves, \$2.50 per 1000.

J. L. Galloway, Terrace Park, O.

EVERYTHING FOR FLORISTS.

Write for quotations on your wants to McKellar & Winterson, 45, 47, 49 Wabash Ave., Chicago.

FERTILIZERS.

Sheep manure. Thoroughly pulverized and ready for immediate application. Special prices to florists and seedsmen in lots of 20 tons and up. Cheap freight rates to eastern points. Testimonials from Agricultural Department, University of California. Send for sample. Geo. C. Roeding, Proprietor, Fresno Fertilizer Works, Fresno, Cal.

Red Towers Brand Bone Meal for florists. 100 lb. bag, \$1.75; 200 lb. bag, \$3.25; ¼ ton, \$7.50; ½ ton, \$14.50; 1 ton, \$28.00. F. O. B. Bridgeport, Conn. Also Odorless Lawn Dressing. Terms, cash with order. Red Towers Greenhouses, Hackensack, N. J.

Jadoo Fibre, a substitute for soil. Jadoo Liquid, the very best fertilizer. Write for printed matter. American Jadoo Co., 317 Fairmount Ave., Philadelphia, Pa.

Bone meal, made for my own use and for other florists who want a good article. Try a bag. Albert M. Herr, Lancaster, Pa.

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The Cefrey Letter Co., 446 Tremont St., Boston, Mass., Chas. L. Razoux, Mgr., Manufacturers of Florists' Letters. The best and most artistic letter on the market. Pat. Jan. 3rd, 1893. Price: 1½ or 2-inch letters, \$1.50 per 100; script letters, \$3.50 per 100. Agents: The Flower Market, Boston; Emil Steffens, New York; McKellar & Winterson, Chicago; H. Bayersdorfer & Co., Philadelphia.

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The Van Reyper Perfect Glaziers' Points. No rights or lefts. Price per box of 1000, 60 cts; by mail, 75 cts; in lots of 5000 by express, 55 cts per 1000. Henry A. Dreer, 714 Chestnut St., Philadelphia, Pa.

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We make special greenhouse putty. Price on application. Lord & Burnham Co., Irvington-on-Hudson, N. Y.

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Send for Lucas on Glass. Four pamphlets tell all about it. John Lucas & Co., Philadelphia.

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Good quality only. Will last longer and give better service than any other kind of hose on the market. ¾-inch, 10 ply hose, at \$20.00 per 100 ft. ¾-inch, 7 ply hose, at \$15.00 per 100 ft. Made in 25 and 50-ft. lengths, couplings attached. Manufacturers' Rubber Co., 45 Vesey St., New York.

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TOBACCO STEMS, the good, strong kind only, 60 cts per 100 lbs.; bales 450 lbs.

TOBACCO DUST, the black stuff, 2 cts per lb.; 50 to 1000 lbs.

H. A. Stoothoff & Co., 154-156 West 27th St., New York City.

TOBACCO STEMS, the good, strong kind only, 60 cts per 100 lbs.; bales 450 lbs.

TOBACCO DUST, the black stuff, 2 cts per lb.; 50 to 1000 lbs.

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San Jose Scale, Curl Leaf, and other orchard and garden pests can absolutely be controlled by using "U. S. Standard" Caustic Potash Whale Oil Soap, a positive insecticide and fertilizer. Recommended by entomologists, and a guaranteed article. Send for circular and price list. Manufactured only by W. H. Owen, Catawba Island, O.

"Rose Leaf" Extract of Tobacco Insecticide, the best and by far the cheapest all-round insecticide on the market. For sale by seedsmen. For free pamphlet write The Kentucky Tobacco Product Company, Louisville, Ky., successors to Louisville Spirit Cured Tobacco Co.

Nicomite (patent) Vapor Insecticide. No labor required. Harmless to bloom and foliage. A certain killer of red spider, green fly and other insect pests. Sold by seedsmen. The Tobacco Warehousing and Trading Co., Louisville, Ky.

Tobacco stems, \$1.00 per 100 lbs. Tobacco dust, \$2.50 per 100 lbs. Rose Leaf Extract of Tobacco, Nikoteen, Nicomite. Send for prices on large quantities.

McKellar & Winterson, 45, 47, 49 Wabash Ave., Chicago.

Nikoteen. Does not injure the most sensitive plants. Endorsed by prominent florists. Used for fumigation or spraying, indoors or out. 200 lbs. of tobacco in one pint of Nikoteen. Sold by seedsmen. Circular free. Skabcura Dip Co., Chicago.

Tobacco stems for florists, \$1.50 per bale of 200 to 250 lbs. Fresh and clean. P. C. Fuweller & Bro., 927 Sansom St., Phila.

Tobacco dust, \$1.00 per 100 lbs.; 500 lbs., \$3.75; ton, \$12.00.

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Standard Pots. We are now ready to supply a superior quality of Pots in unlimited quantities. Catalogues and price-lists furnished on application.

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We manufacture Standard Flower Pots, Lawn and Hanging Vases. We make a light, porous, strong, durable pot that gives satisfaction to all who use it. We invite a trial order. Ionia Pottery Co., Ionia, Mich.

Standard Flower Pots. If your greenhouse are within 500 miles of the Capitol, write us; we can save you money. W. H. Ernest, 23th and M Sts., N. E., Washington, D. C.

Flower Pots. Before buying write us for prices. Geo. Keller & Son, 361-363 Herndon St. (near Wrightwood Ave.), Chicago.

For the best Plant Tubs, address Mann Bros., 6 Wabash Ave., Chicago.

SPHAGNUM MOSS.

We are headquarters on Sphagnum. Just received several carloads.

Per Bale, \$1.00.

Six Bales, \$5.00.

Ten Bales, \$7.50.

Write for prices on large quantities.

McKellar & Winterson, 45, 47, 49 Wabash Ave., Chicago.

We are now gathering Sphagnum Moss for the Florist trade and will have none but the best. Give us a trial order and see if we do not send you just what you need. Will quote prices as low as possible on live Sphagnum for growing Orchids, etc.

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Sphagnum moss, best quality. Write L. B. Brague, Hinsdale, Mass.

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H. R. Akers, Chatsworth, N. J.

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Regulate the temperature in your greenhouses by using Page's electric indicator. It warns you if the temperature goes too high or too low. May save its cost ten times over in one night. Positive guarantee.

The Page Seed Co., Greene, N. Y.

WAGON HEATERS.

The Lehman heater is the best. Write for particulars. Lehman Bros., 10 Bond St., New York City, or Jas W. Erringer, 297 Wabash Ave., Chicago.

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C. A. Kuehn, 1122 Pine St., St. Louis, Mo., manufacturer of the Patent Wire Clamp Floral Designs. A full line of supplies always on hand. Write for catalogue.

We are Headquarters for Wire Work. McKellar & Winterson, 45, 47, 49 Wabash Ave., Chicago.

Manufacturer of Wire Work for Florists. James Griffith, 701 Main St., Cincinnati, O.

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Kennicott Bros. Co., 42 and 44 Randolph St., Chicago.

The Florists' Manual, by William Scott, is a complete reference book for commercial florists.

GRAND RAPIDS, MICH.

Thanksgiving trade this year was but little inferior to Christmas trade of last. Everything sold out close, particularly roses and carnations, of which there were not enough to go around. Prices on previous similar holidays were never so high as on this occasion.

Roses at the stores sold for \$1.25 per doz.; Beauties, \$2 to \$3.50; carnations, 35 to 50 cents; violets, from 20 to 30 cents, with light sales on this one flower only. Outside demand was in excess of the supply at \$2 to \$2.50 per 100 wholesale.

Mums at Smith's went from \$1 to \$2; they were heavily stocked and put the \$2 price on to make sure of selling their best out close, which they did. Cunningham got as high as \$3 for his mums and when asked if plants or cut flowers sold best replied, "Don't know; sold out every plant and cut flower we had and could have sold more." The Floral Co. and Renwick sing the same refrain, both claiming trade far in excess of last year. It might be roughly averaged that the money value of this year was from 40 to 50 per cent. better than last.

If Christmas is to be better than Thanksgiving with its stock of mums to draw from, what on earth are we going to do for flowers?

The next club meeting will be held at the Eagle hotel, Tuesday evening, Dec. 19th. GEO. F. CRABB.

YOU will surely want a copy of Mr. Scott's great reference book, The Florists' Manual. It is now ready for delivery. Price \$5.00.

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Advertisements under this head 10 cents a line, an average of seven words to the line.

FOR SALE—Three greenhouses, 20 x 80 ft. each, in good condition, steam heat. Houses to be taken off the place after spring trade is over. Good stock of plants on hand. Will sell very cheap. Write for particulars. John Lieber, Maryville, Nodaway Co., Mo.

SITUATION WANTED—By reliable, sober young man, as rose or carnation grower, or charge of small place where general stock is grown. Address W., Box 702, Maywood, Ill.

SITUATION WANTED—By florist and gardener, age 33, life experience, fully competent to take charge of private or commercial place. Address P. G. Pearson, Batavia, Ill.

WANTED—Man at once to grow carnations, roses; must be sober, industrious, not afraid of work; \$18.00 per month, with board this winter; give experience. S. J. Long, Florist, Petoskey, Mich.

WANTED—A good second-hand hot water heater for poultry house heating. McLennan Bros., Reading, Pa.

SITUATION WANTED—As foreman, capable of taking charge; ten years' experience in commercial places; Swede; West of Chicago preferred. For further particulars, address N. N., care Florists' Review.

WANTED—To sell your cut flowers on commission at retail; have a good stand; no opposition in my part of city; will get good prices and make returns daily. Address Commission, care Florists' Review.

SITUATION WANTED—By competent man who is up to date in decorating and designing and can take care of correspondence and bookkeeping. Address Edward Rayer, care Florists' Review.

SITUATION WANTED—By well educated young florist to take charge of 25 to 30,000 sq. feet of glass, devoted mostly to roses and carnations. Well recommended and energetic. South or Southeast preferred. Address Progress, care Florists' Review.

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By a thoroughly practical Gardener and Florist, most successful propagator and grower; capable of making a specialty of anything in the trade; qualified to take the management of laying out new place, the formation of lawns, roads, etc. Good references.

Address A. A., care of Florists' Review.

DO YOU WANT TO SELL your Greenhouses? Write to Florist, 142 East 53rd Street, Chicago, Ill.

ROOTED CUTTINGS.

15 varieties of **PELARGONIUMS**, the best varieties, \$2.00 per 100.

30 varieties of **PETUNIAS**, \$1.25 per 100. Every one fine.

15 varieties of **HELIOTROPE**, \$1.00 per 100.

VERBENAS—We have all of the best; plenty of the best red and pink, 60c per 100; \$5.00 per 1000.

We will book orders for any of the above, or ship as soon as ready. For particulars write to

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CASH WITH ORDERS.

We prepay all cuttings except Pelargoniums.

Mention The Review when you write.

CHOICE STOCK**For Christmas Trade.**

Cyclamen, 4 colors, 2½-inch pots, \$5.00 per 100.
Asparagus Sprengerii, 2½-inch pots, extra strong, \$8.00 per 100.

Asparagus Sprengerii, 3-in. pots, very large, \$8.00 per 100.

Primroses (Chinese) 3-in. pots, \$5.00 per 100.

" 4-in. pots, 6.00 "

" 6-in. pans, 8.00 per doz.

(Obconica Grandiflora and Hybridum) same size and price as Chinese Primroses.

All are in bud and bloom.

NATHAN SMITH & SON, Adrian, Mich.

Mention the Review when you write.

PLANTS AND CUTTINGS....

Begonias, best flowering varieties, 4-in. pots, \$1.00 per doz., \$3.00 per 100. Umbrella Plants, 4-in. pots, \$1.00 per doz., \$3.00 per 100. Ferns, Pteris tremula, 2-in. pots, 50c per dozen, \$1.00 per 100. Vincas, center of foliage yellow, 2½-in. pots, 50c per doz., \$3.00 per 100. Geraniums, best bedding varieties mixed, in fine growing condition, 2-inch pots, \$2.50 per 100. Geraniums, rooted cuttings, \$1.50 per 100. Rooted cuttings of Fuchsias, Heliotrope, Chrysanthemum frutescens, per 100, \$1.00. Rooted cuttings of Alternanthera, red and yellow, Ageratum, blue and white, Dwarf Micanthea, Coleus, best bedders, 50c per 100. Carnation Mrs. Fisher, rooted cuttings from soil, \$1.25 per 100.

C. LENGENFELDER, ELGIN, ILL.

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Eglantine.**THE TRUE FRAGRANT SWEET BRIAR.**

1,000 Rosa Rubiginosa, 4 to 5 feet, per 100, \$5.00
1,000 " 2 to 3 " " 3.00
1,000 " 1 to 2 " " 2.00
10,000 Berberis Thunbergii, per 100, \$3.00 to 7.00

T. R. WATSON, Plymouth, Mass

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300,000 VERBENAS....

60 finest named varieties, including our new mammoth white, Mrs. McKinley, the finest white Verbena grown.

PERFECTLY HEALTHY. FREE FROM RUST.

Rooted Cuttings 60c per 100, \$5.00 per 1000.

Plants \$2.50 per 100, \$20.00 per 1000.

Our list is the choice from millions of seedlings. Send for list. **J. L. DILLON, Bloomsburg, Pa.**

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CHOICE NORTH CAROLINA Galax Leaves,

\$1.00 per 1000.

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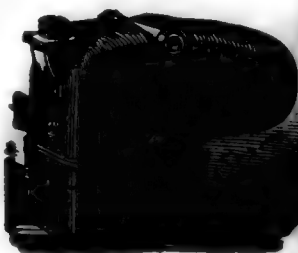
Shipping Point, Linville Section, N. C.

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Low rates! First class service! Long visit!

Tickets good leaving Chicago Dec. 14, 15, 16 and 17, and for return from destination until Jan. 6, 1900. Full particulars at City Ticket Office, No. 249 Clark St., cor. Jackson. Telephone H. 1757 or at Dearborn Station.



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Hot Water Buildings, Pipes, Fittings,
and Ventilating Apparatus.

THE FLORISTS' REVIEW

G. L. GRANT, EDITOR AND MANAGER.

PUBLISHED EVERY THURSDAY BY

THE FLORISTS' PUBLISHING CO.

520-535 Carlton Building, Chicago.

334 Dearborn Street.

Subscription, \$1.00 a year. To Europe, \$2.00. Subscriptions accepted from those in the trade only.

Advertising rates: Per inch, \$1.00; 1/4 page, \$13.50; full page, \$27.00. Discounts: 6 times, 5 per cent; 13 times, 10 per cent; 26 times, 20 per cent; 52 times, 30 per cent. Discounts allowed only on consecutive insertions. Only strictly trade advertising accepted. Advertisements must reach us by Tuesday to insure insertion in the issue of the following Thursday.

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NEW CASTLE, IND.

The South Park Floral Co. are building a new range of houses which, when completed, will make their establishment one of the largest in the west devoted exclusively to the growing of roses for cut flowers outside of Chicago.

They will erect seven large houses for the growing of American Beauties and will plant their present ten houses in Brides and Maids.

William Dittman will continue as their grower, while Herbert Heller will have the general supervision of the place.

SAN FRANCISCO.

Business has picked up very much during the last few weeks, although prices are somewhat lower than they were at this date last year. The abundant rains during October and November have been a godsend to all growers of outside stuff. Owing to the early rains violets are coming in from the growers in large quantities, and as a consequence poor prices are being obtained.

Thanksgiving day was marked with sunshine and a victory for the blue and gold over the cardinals, the score being 30 to 0.

Business was 40 per cent. better than at this time last year. Good inside chrysanthemums, Bonnaffons, brought \$2.50 to \$3.00 per dozen. Outside chrysanthemums were poor and brought 50 to 75 cents per dozen. Reds sold at \$1 per dozen. American Beauties, first grade, \$4; seconds, \$2.50 and \$3 per dozen; Bridesmaids, \$1 and \$2; Brides, 75 cents and \$1 per dozen.

In carnations, Portias sold well, 4 and 6 dozen for \$1. Scotts were fine and brought 25 cents per dozen. Fine Flora Hills were 25 to 35 cents per dozen. Violets were grand and sold at \$1 for Californias, \$1.50 for Princess of Wales, per dozen bunches. Roman hyacinths, 25 to 30 cents per dozen. Paper white narcissus, \$1 per 100. Free-sias have made their first appearance and sell at 25 cents per dozen.

On Thanksgiving eve Sievers' and Borland's store on Post street looked grand. Two boxes of lily of the valley were extremely well done; also a vase of their beautiful carnation, Anna Hobart.

Mr. Thomas Stevenson, "The London Florist," on Powell street, made a fine display of chrysanthemums, and one window filled with Roman hyacinths and Princess of Wales violets was a treat. Mrs. Stevenson says they did a good Thanksgiving business. Everything went, even the turkey (at the table, I suppose).

Mr. John Jack, head gardener for the California Jockey Club, has a fine lot of cinerarias in bloom, fully 4 feet in height and 3 feet across, grown in a cold-frame, and go to show the skill of this worthy Scotchman.

Mr. Vallance, with the Cox Seed & Plant Co., who has been ill for some time, is now much improved in health and it is to be hoped will soon be all right again.

Trumbull & Beebe, nursery and seedsmen, on Sansome street, report business good and many orders com-

ing in, the result of the early rains all over the state. J. N.

A VERY appropriate Christmas gift to an appreciated employee would be a copy of the Florists' Manual, by Wm. Scott.

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Sphagnum Moss

for the Florist trade and will have none but the best. Give us a trial order and see if we do not send you just what you need. Will quote prices as low as possible on live Sphagnum for growing Orchids, etc.

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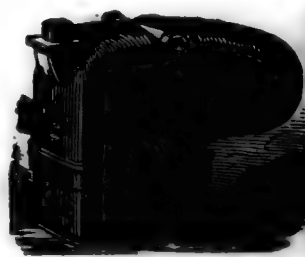
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LOOK OUT FOR HIM.

A man named James Griffith, who was in the employ of Thomas Franks, Champaign, Ill., for about five weeks, left there Nov. 30, taking with him about \$25 worth of ribbon, an overcoat and some money belonging to his employer.

Mr. Franks is of the opinion that he has been making a practice of working a few weeks at a place and then disappearing with whatever he can lay his hands on, and desires to warn brother florists against him.

He is an Englishman, about 5 feet 8 inches tall, and when last seen wore a dark suit, a black shirt with a small white stripe in it and a dark necktie. He had a black derby hat and a new pair of shoes. Clean shaven and a rather rough appearance. He is a pretty good florist and talks a good deal of where he has traveled.

DENVER, COLO.

The following scores were made Tuesday evening, November 28th, at the alleys of the Denver Florists' Bowling Club. All the members were not present, but those who were had a good time generally:

	1st.	2d.	3d.	Av.
A. E. Mauff	237	177	170	195
Robt. Kurth	185	214	170	190
Neil Jakobson	187	197	171	185
Charles Mauff	188	143	183	171
Geo. Brenkert	187	152	174	171
Don Scott	190	151	160	167
Chas. Franz	194	137	164	165
John Berry	194	146	151	164
Geo. Zimmer	136	138	143	156
Ed. Emerich	148	194	121	154
John Ferris	153	115	128	132
A. A. Benson	123	124	163	137
E. C. Flohr	128	137	101	122
Wm. Lingenbrink	130	96	101	109

E. C. T.

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No heating of irons.
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Cannot injure the most sensitive blooms.
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A Complete Reference Book for Commercial Florists. Over 200 large pages. Handsomely illustrated. Following is a list of the subjects covered:

Abutilon	Bouvardia	Eucharis	Lantana	Poinsettia
Acacia	Bromeliads	Eupatorium	Lapageria	Potting
Acalypha	Browallia	Euphorbia	Lawn	Primula
Acanthophaenix	Bulbs		Libonia	
Acer japonicum			Lilium	Rhododendron
Achillea	Caladium	Ferns	Lily of the Valley	Richardia Africana
Achimenes	Calamus	Fertilizers and Manures	Linum trigynum	Ricinus
Acrophyllum	Calceolaria	Ficus	Lobelia	Roses
Adiantum	Camellia	Fittonia	Lysimachia	
Agapanthus	Canna	Floral Arrangements		Salvia
Agave	Carludovica	Freesia		Santolina
Ageratum	Carnation	Fuchsia		Sedum
Allamanda	Celosia	Fungicides and Insecticides		Seed Sowing
Alocasia	Centaurea			Selaginella
Aloysia citrodora	Cheiranthus			Shading
Alternanthera	Chrysanthemum	Gardenia	Manettia	Skimmia japonica
Amaranthus	Cineraria	Geranium	Maranta	Smilax
Amaryllis	Clematis	Gladiolus	Martinezia	Soils
Ampelopsis	Cobea	Glazing	Maurandya	Solanum
Ananas	Cold-frames	Glechoma	Metrosideros	Stephanotis
Annuals	Coleus	Gloxinia	Mignonette	Stevia
Anthericum	Cosmos	Grasses	Mimulus	Stocks
Anthurium	Cotyledon	Greenhouse Building	Moon Flower	Store Management
Antirrhinum	Crinum	Grevillea robusta	Mulching	Swainsona
Aponogeton distachyon	Crocus	Hardy Perennial Plants	Musa	Sweet Peas
Aquatics	Croton		Myosotis	System
Araucaria	Cycas	Hardy Shrubs	Nepenthes	
Ardisia	Cyclamen	Heating	Nierembergia	
Aristolochia	Cytisus	Hedera (Ivy)	Oleander	Thunbergia alata
Asparagus		Hedge Plants	Orchids	Torenia
Aspidistra	Dahlia	Heliotrope	Othonna	Tropaeolum
Asplenium	Decorations	Hibiscus	Oxalis	Tuberose
Aster	Decorative Material (Wild)	Hollyhock		Valotta purpurea
Astilbe japonica	Decorative Plants	Hotbeds		Vases
Azalea	Deutzia	Hoya		Ventilation
	Dianthus	Hydrangea		Veranda Boxes
	Dracaena			Verbena
Balsam	Drainage	Impatiens Sultani		Vinca
Bay Trees		Iresine (Achyranthes)		Violet
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Bellis	Epacris			
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Satisfaction guaranteed. Low express rates.

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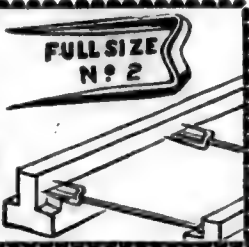
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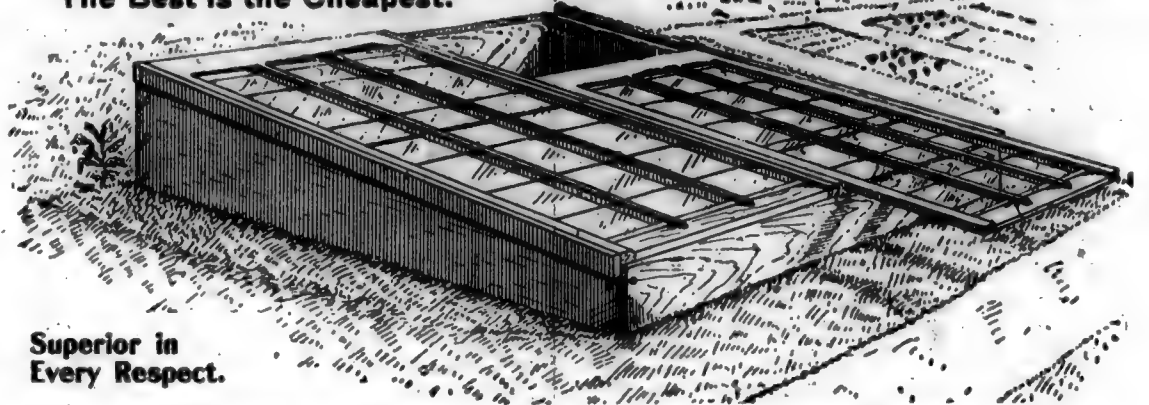
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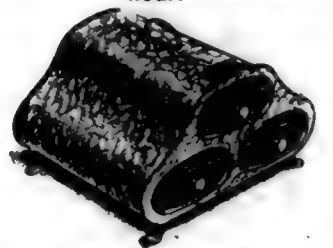
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THE WEEKLY FLORISTS REVIEW

FLORISTS' PUBLISHING CO., 520-535 Caxton Building, CHICAGO.

Vol. V.

CHICAGO AND NEW YORK, DECEMBER 14, 1899.

No. 107.

ORDERS BOOKED NOW in order of receipt for rooted cuttings of the famous

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COMMENCING FEB. 1, 1900.

PRICES:	Per dozen.....	\$3.00
	Per 100.....	\$14.00
	Per 1,000.....	\$120.00
	Per 5,000.....	\$500.00
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Green Wreathing,

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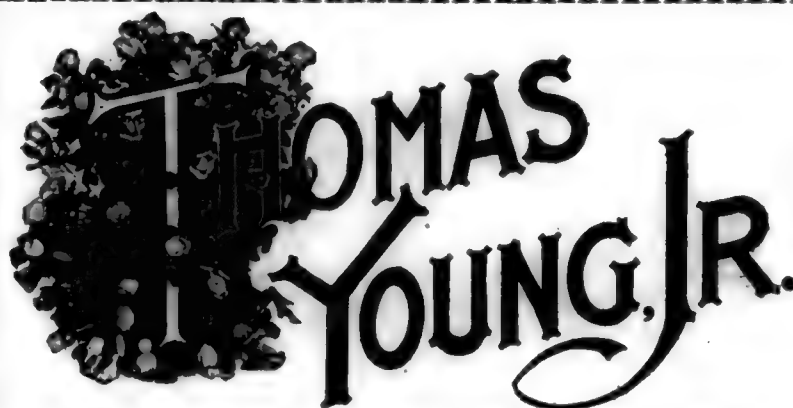
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We Carry.....Not the cheapest but the best stock.

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We carry no trash in our stocks. All useless varieties discarded and stock destroyed.

In buying from us you will get full value for your money.

Our Illustrated and Descriptive Trade List will be mailed you in January. Meanwhile, upon writing us, you can get special quotations upon such stock as we have ready for immediate shipment.

BEFORE BUYING send for our list.

C. W. WARD, Manager.

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THE RETAIL FLORIST

Preparing for Christmas.

This will assuredly be a "plant Christmas." Every retailer of note has made provisions for it, and it is only a possible severity of weather that will in any way injure their hopes for this branch of the trade. This vigorously increasing growth of the plant trade for Christmas is a matter to be regretted on all sides. It bodes the greatest evil to the cut flower trade and that is the great foundation stone, aye, the principal pillar of our business. It is undesirable to split the Easter trade. It is inconvenient and troublesome for retailers to handle plants at Christmas—but what were we to do? The uncertainty, the poor quality of stock and the exorbitant prices were not alone sufficient to impair the sanity of the retailers, but it stunned the public and would shortly have destroyed the Christmas trade altogether.

In our business perhaps more than in any other it is "live and learn." It is bad policy to be continually disputing and trying to fly in the face of facts. High prices were never conducive to the expansion of trade. If growers cannot see the error of demanding extraordinary prices for salted flowers at Christmas, there are many hundreds of houses devoted to cut flowers today which will either be turned into plant houses or wrecks in a few years from now.

It is a source of much satisfaction to be able to go to your plantsman, see the plants, and know what you are to pay for the goods weeks or months before you need them. Whereas with the cut flower element one is continually on the gridiron until the very last day and then mostly all is disappointment. Plants last longer and give more satisfaction, of course they do—but they cause a decrease in the demand for flowers simply because they last so long. The successful or artistic retail florist has powerful influence with the public, he is a more important factor than the grower in the advancement of floriculture. The American people love flowers and will have them either on the plant or cut. We are in favor of the live and let live policy and would like to see every one succeed, but if any element is looking towards exact-

ing all the wealth and pleasure there is in life, why, we agree with teaching them a lesson.

Holly is a great disappointment this year. What we have seen so far is very poor, compared with that of other years. The reason given is that all the available holly trees were butchered up last year by all manner of speculators and it will be years before the outrage can be effaced. This same thing is fast depleting the American landscape from much of its great charms in the way of evergreens. The Jersey and Connecticut coasts were once beautiful with stately hemlock, juniper, arborvitae and fir, now scarcely a decent looking one remains, and we are informed 'tis so all through the New England states. Even the woods of Maine are being dismantled without reason or cause. Over a quarter of a million Christmas trees are shipped to New York every year. They are mostly piled up along the docks in West street. Grocers and butchers and all manner of dealers handle and dispose of this stock.

Now let us see what we are going to have and what we are going to do for Christmas! We are busy on wreaths to hang in windows. They are going to be very popular again this year. Now you know if you want well made wreaths you must have them specially done for you. Holly, of course will lead. Make the wreath good and full; you can pack the inside with the poor material or with Princess pine, but have them good and round on both sides and have your extra special ones made in laureate shape, that is, both sides facing up, a cluster of berries at the bottom, with a good cluster of narrow ribbon, or it will do without. A good holly wreath is worth from \$1 to \$2.

There will be a few wreaths of mistletoe tied with berry colored gauze, but they will not be as popular as the bunches. Princess pine wreaths made round and full, with or without red immortelle stars, are going to sell well, so are laureate shaped wreaths of boxwood and cluster of berries. There is not going to be anything specially new in this line of work. The only thing is that the best work will sell first, and we know many a good cus-

tomers has been caught through having finely made wreaths on exhibition for Christmas. If you use ribbon it should not be cheap looking nor too small. Silks will be better than satins, but neither should be the best part of the work.

Speaking of ribbons there promises to be quite enough of it used this season. Don't abuse it and be careful of the color harmony. Everything is supposed to be bright and cheerful for the great festival, and whilst we may take a greater latitude in our fanciful creations there are often times if we could only see our work midst the surroundings they often get among we would have cause to disown it. This applies to the milliner florist who cannot handle a carnation or violet without wanting to put a sash of ribbon around it, and the exuberant crepe paper artist who imagines every plant a doll and dresses it accordingly. As we have often said before, anything is almost preferable to a dirty plant pot, but, heavens, where's the sense of choking up the plant?

The best stores this year will show their plants in baskets. Some very fine work is seen already. Most of the baskets are of green luffa and the shapes are mostly after the classical antique vases, though there are some fine effects made from palm fiber in natural color. Small orange trees look elegant and have a native touch about them in these basket vases. All manner of plants will be sold singly, but most will be made up in baskets to sell for \$5, \$10, \$15 and upwards. Almost any variety of flowering plant in good condition will sell well; top the pot off with green moss, holly or small ferns. You are liable to sell quite a few palms, ferns and foliage plants, but must put them where they can be seen.

In the matter of cut flowers one can never be positive until the last. Catleyas will be scarce; they are now bringing 50 cents wholesale and should not be sold for less than \$10 or \$12, that is, fairly good ones. Cypripediums will be plentiful; 12½ cents is what they are costing now and they are too plentiful to raise very much in price; they will retail at \$4 or \$5. Dendrobium phalaenopsis are plentiful and will retail at 15 or 20 cents a flower. Orchids are almost a nonentity for Christmas. They are mostly used to fill the delicate little vases customers send you to take care of weeks before. Valley, paper whites and Romans promise to be plentiful and cannot be very high in price. It is the fine grades of roses, carnations and violets which make us anxious, and from what we have seen there will be lots of carnations, few violets, and not a large quantity of extra fine roses, and from what we see now prices will not differ very much. Plants will interfere with and keep the market rates steadier.

Harrisias will sell for good figures, say \$5 or \$6. New flowers will be in demand. We hear one new carnation in New York is retailing now at \$6

per doz. Stevia, callas and such stock will be plentiful. Keep your eye on the Meteors, Beauties and good Maids. We must leave our price list until the next paper.

Christmas means a great deal to the world in general, and among other things hard work, worry and vexations to the florist. The fatigue and chagrin of the long hours and cease-

less inquiries can be lightened by the exercise of a little thought and common sense. Let your help get their meals somehow. If they cannot spare time to go out, get it in the store for them; a cup of coffee to enable the inner man to meet the outer man means more in results than aught you can say or do. IVERA.

MISCELLANEOUS SEASONABLE HINTS.

Christmas Preparations.

Every year of late the plant business has been more and more a feature of the Christmas trade. This has been largely brought about by the extremely high prices of cut flowers, and quality has not always risen correspondingly with prices, so the public has found they can get more for their money and have turned to plants. You cannot do much in preparatory work in flowers, but you can with plants do a great deal to help the rush go smoothly.

All wreaths and wreathing should be made up at the earliest possible moment and got out of the way several days before Christmas, for all hands, however much help you have, will be wanted the last few days. You can buy laurel wreathing cheaper and better than you can make it yourself and it keeps splendidly in any cool place. Holly wreaths you cannot buy equal to your own making, for when sent packed in cases they get flattened out and unsightly. A cool, dark cellar is the place for these, and so it is for the ground pine wreaths and wreathing, but if you don't have such a cellar a deep, tight frame outside will do very well, providing you don't pile them up too much. Snow and ice is all right for the ground pine, but holly should not be frozen too hard or you will lose many berries. The principal object to observe in keeping the ground pine and holly is coolness and closeness; keep light and air away from them.

The handling of flowering plants at Christmas, particularly if it is what our northern people profess to enjoy, zero with good sleighing, is a difficult matter, and there is room for lots of good sense and judgment. There is no set rule for wrapping up any plant, and I know of no article handled by other merchants that calls for the same care and horse sense. A turkey, a bonnet, a doll, a box of candy, or even a live baby will stand a little

frost, or at least is easily wrapped up, but an azalea, a palm or poinsettia will tax all your care and experience to get them landed at their destination in perfect order.

Those who have a good sized heated delivery wagon have at this season a great advantage, for a slight covering of paper round the plant is sufficient to protect it while going from the wagon to the door. Heated wagons are, however, as yet not the rule, and many of us rely on long, close fitting boxes, laying the plants down after being well wrapped in paper and in the order in which they are to be delivered. There is a great deal in first appearances and although what I am going to say may sound entirely superfluous to many, yet you still see plants delivered in very crude shape. The present day demands neatness if not style. Two colored gentlemen in gold lace, sitting on an automobile, I have not yet seen delivering flowers, but the colored folks in gold we have, and the other will soon be started on Broadway, New York, or Tremont street, Boston, and delivering Mrs. Lawson carnations at \$9 per dozen in anything but an "autbil" seems degrading and beneath the dignity of her divinity.

Newspaper does well for the commission man to keep out frost, but will never do to wrap up a two dollar cyclamen. I protest against any plant being sent out, however warm the weather, with the bare pot. It should have a sheet of wrapping paper covering the pot, whatever the season. Time spent in carefully and thoroughly wrapping a plant is well spent. And remember that it need not be freezing to greatly injure a plant. If the thermometer should be 40 degrees with a cutting wind and the bare flowers of an azalea or poinsettia or lily were exposed five minutes to it you would see in an hour or two some brown and wilted flowers.

There are some plants that can be partially hardened off for a few days

before sold and will then feel less the change from greenhouse to store or house, or perhaps church, but you should not remove anything to a much cooler house unless it is well out. A poinsettia may be growing in 70 degrees; if fully developed it won't hurt in 50 degrees. A Harrisii lily will do in 40 degrees, the heaths in anything above freezing. Cyclamen are never grown warm, still 40 degrees for a few nights will stiffen them some. Azaleas have been truly forced and it would be the greatest benefit to give them a cool house for a week before being sold.

Customers for plants, and we expect many of them, will not all wait till the last day or two. Many sensible people will order a week ahead and that enables us to get out the orders, which is an immense advantage. For several seasons we have greatly expedited business by adopting a system and thoroughly adhering to it. Clear off 50 feet of bench or as much as your business needs. Cover it with coarse paper and have it in sections for the several days preceding Christmas. Directly a plant is sold and ordered delivered Friday, Dec. 22, it is put on the space allotted to Friday's delivery, the address card and donor's card attached, the pot washed, and it is all ready to be wrapped.

It will do no harm if it is there several days. No syringing is necessary. If you are busy with customers or other necessary work you can in the evening wrap up securely these orders that are to be delivered on Friday. Two or three handy men, if not bothered or called away, can do a great deal of wrapping in a few hours. We take a memorandum of every order, whether it is cash or charged, and when once the plant is wrapped ready for delivery the order is put away with that day's business so that it can be readily referred to.

Noah or some other ancient philosopher said that "mistakes occur in the best regulated families." This was occasioned by the monkey eating the squirrel's share of nuts in the ark, but the fewer mistakes the better for our business and peace of mind.

A good, smart, clear headed delivery man is a jewel and well worthy his hire, but while he knows the large run of your customers you should not tax his ability too far on these extraordinary occasions, and you will have all kinds of people delivering at this time.

Don't begrudge clerical help. One delivery gone wrong will pay the wages of a man who will write a thousand address cards for you. So we find the safest and only plan where two or three dozen plants are sent on one delivery wagon is to write on the address card the name and address and in addition what the article is if there is more than one plant for the same person. To illustrate: "Mrs. White, number and street; 1 lily, 1 poinsettia, 1 cyclamen." This label goes on one plant and on the other



View in the store of Mr. Samuel Murray, Kansas City, Mo.

two just the name and address. Nothing less is safe. And although this may seem fussy it will pay over and over again. WM. SCOTT.

HISTORY OF THE JUBILEE CARNATION.

John Hartje was asked how he happened to originate the above carnation, and in reply, he says:

"In January, 1891, I attended a meeting of the Society of Indiana Florists at Lafayette. The members present were entertained most royally by Mr. Dorner and were shown his carnation houses. One was full of seedlings, and I understood him to say that they were cutting from 500 to 600 blooms per day from this house (about 100x20), and were retailing them at 75 cents and \$1.00 per dozen. I went home full of inspiration, and with a bad case of seedling fever.

"I did not know much about hybridizing. Had the following varieties to work on: Grace Wilder, Century, Grace Fardon, Pres. Garfield, Silver Spray and Crimson King. The flower intended to be seeded was prepared by pulling out some of the petals, so the pistils would project somewhat. Then I cut off a bloom from some other variety, and would rub them together. I would often cross a pod with two or three varieties, and occasionally use side flowers for seeding. We did not disbud in those days.

"The seeds of all the pods were gathered and put into one package, no record being made of any of the crosses. Seed was laid away for a week or so and then planted. Had about 800 plants, and out of this number a little over 200 kinds were propagated; from 5 to 20 of each variety

were tested. Jubilee was not thought much of as but five plants were grown.

"About five days before the meeting of the Carnation Society at Pittsburg, I went over to Richmond and took a flower along to show it to Mr. Hill. He was not at home, so I left it there. This same flower was afterward shown at the meeting, and commented upon by the judges. The stock was afterward sold to Mr. Hill. Other red varieties have been introduced since Jubilee, but so far have not taken its place. I think Crane and America are dangerous rivals."

NEW YORK.

The Market.

At this time of writing there is more guessing than aught else as to what the cut flower trade will be the next two weeks. The weather so far has been unusually warm, which is bad for the holding back of stock. Very few advance orders have been given, unless for very special stock. Prices are gradually creeping upwards. Saturday, December 9, ordinary carnations brought \$1.50 and \$2; a few fairly good Bonnaillon and Robinsons, \$2 per dozen; paper whites, 6 cents; Romans, 1½ and 2 cents; Harrisils, \$2; valley, from \$2 to \$5; Liberty, \$4 per dozen; Testouts, \$8 to \$15; ditto Maids and Brides, also Victorias; Beauties, 60 cents, and so on. Of course, no prices could then be quoted for Christmas.

Holly is selling slowly at any price up to \$5 per case for the best. The Greeks were selling valley at 10 cents a bunch of four or five flowers and leaves on Saturday last; a retailer could not buy them for that.

New York Florists' Club.

There was quite a large gathering at the meeting on Monday night last. The following were elected to office for the convention year: President, Patrick O'Mara; vice-president, Arthur Herrington; treasurer, Charles Weathered; secretary, John Young; Messrs. Wm. Plumb, John N. May and W. A. Manda were elected trustees of the club.

It was decided to hold the club's annual dinner at the time of the annual meeting of the executive committee of the S. A. F. Messrs. John N. May, Walter Sheridan and Charles Weathered were appointed a committee to make arrangements for this event.

F. W. Kelsey brought up the matter of delays in the transmission of goods through the custom house. After long discussion the matter was referred to the legislative committee. Mr. O'Mara has been appointed by the Merchants' Association as special representative of the florists and nursery trade. There will be an important meeting in January to look after trade interests and Mr. O'Mara will be glad to present any specific cases of delay; in any case write him full particulars.

Phil. Breitmeyer was present and made a few remarks, wishing the club the same success as the Detroit boys had with the S. A. F.

Messrs. Siebrecht, Withers, Sheridan, Asmus and Atkins were appointed a committee to solicit subscriptions from the trade in general for the proposed permanent "Dewey Arch."

The disposition of the club's gold and silver medals to be offered at the Rose Society's show in March was left with the board of trustees.

Resolutions on the lamented death of the late Mrs. J. H. Taylor, Mrs. John Morris and W. H. Brower were passed, ordered spread on the minutes, and copies sent to bereaved relatives.

New fancy foliaged cyclamens were exhibited by Lehnig & Winnefeldt, Hackensack, N. J. These specimens were remarkably well grown and were awarded cultural recommendation, with the request that they be shown again.

Mr. C. W. Ward showed his fine new carnation Governor Roosevelt. The club's certificate was recommended in the usual form. Mr. Ward also exhibited a very promising numbered seedling, which was highly praised. Mr. Ward reported that he had visited Dailedouze Bros. in order to comply with the exhibition rules of the club and he heartily recommended their new carnation 666 the club's certificate.

Another new carnation, No. 4, exhibited by Dailedouze Bros. was awarded a certificate subject to the usual rules. James Whitcomb Riley, also shown by the above, was highly commended, as were also Lulu Fischer, exhibited by Mr. Fischer, of Great Neck, L. I., and several seedlings from Lehnig & Winnefeldt, which the committee recommended be shown again.

The entertainment committee provided refreshments and a general good time, which were attended to and enjoyed after the adjournment.

Various Items.

The annual dinner of the Westchester (N. Y.) County Gardeners' Association (to which your correspondent has received a cordial invitation) will be given at the Irving Hotel, Portchester, Saturday, Dec. 16, at 7 o'clock. Robert Williamson, William Anderson and Robert Jenkins, Jr., comprise the committee of arrangements.

Mr. E. Jansen, the well known basket manufacturer, has recently sold considerable of his property on Nineteenth street to Altman Bros., the large dry goods firm. Mr. Jansen is busy attending to the erection of a fine new building, No. 112, 114 and 116 West Eighteenth street, which he intends to occupy in time for the convention next August.

The regular monthly meeting of the New York Gardeners' Society was held at the Grand Central Palace, Saturday, Dec. 9th. The officers for the ensuing year were elected as follows: President, William Bartholomae; Vice-President, Adolph Welsing; Secretary, Joseph A. Manda; Treasurer, Frank Pierkovsky.

We regret to inform you that Mr. John H. Taylor had one of his legs broken in a recent carriage accident.

Bowling Today.

Roehrs	112	152	126
Atkins	133	128	155
Butterfield	132	124	124
Hafner	163	130	100
Norris	166	144	139
Siebrecht	96	115	113
Burns	140	140	159
Traendly	129	149	139
Lang	145	135	197
Marshall	125	143	...
Penman	113	...	...
Stewart	124	...	...

J. I. D.

CHICAGO.

The Market.

The majority of the wholesalers report the market easier on roses and carnations, except Beauties. Good Beauties are exceedingly scarce. Aside from Beauties, there now seems enough of everything to go around, though the quality is not up to the standard for the season. Violets are moving much less freely and at times there is a surplus. Romans and narcissus also move more slowly. There is practically no change in quotations, though these are not so stiffly held in many cases as last week.

There is quite a variety of opinions as to the outlook for Christmas supply. The present dark weather causes many to fear a serious shortage. Growers say the buds are there, but they must have sun to open them. And some who were confident of having a crop in for Christmas say they won't have the real thing till later, especially if the present weather conditions continue.

A good deal of guessing is being done as to Christmas prices. The only list yet definitely adopted is that of Bassett & Washburn, which is as follows: Beauties, per doz., extra long, \$12 to \$15; 24-inch, \$9 to \$10; 20-inch, \$8; 15-inch, \$6; 12-inch, \$4; 8-inch, \$2. Brides and Maids, extra, \$15 per 100; No. 1, \$12; No. 2, \$8; Meteor, extra, \$18; No. 1, \$15; No. 2, \$10; Perles, No. 1, \$12; No. 2, \$8. Carnations, extra fancy, \$8; fair average fancy, \$6; No. 1 common, \$4; No. 2, \$3. And Mr. Washburn says they will have no Beauties to sell outside of regular orders. They will, however, have a fine crop of teas. Prospects for carnations dubious.

Kennicott Bros. Co. think that there will be enough to go around at Christmas, with the exception of Beauties. Their advice is, "Don't order Beauties."

E. C. Amling thinks Christmas quotations will run about the same as for the last two years (\$12 to \$15 on tea roses), but that roses will be held at outside quotation, and that carnations will go up to \$5.

Christmas comes on Monday, which means that much of the shipping will be done on Sunday, and it should not be forgotten that express trains are not so frequent as on week days. This should be borne in mind in placing orders, and probably quite a few shipments will be made on Saturday instead.

In view of this condition, growers had best have as much of their cut reach the commission man on Saturday as possible. Don't hold back till the last day under any circumstances. "Holding back helps the big grower out, as it gives him a chance to clear out his whole cut at good figures before the other fellows get their stock in," is the way one of the big growers puts it. But the result is really bad for all.

McKellar & Winterson think there will be flowers enough for all at ruling rates if the growers will keep their cut coming in. They will have a good supply of poinsettias for Christmas, as will also E. H. Hunt.

The supply of bouquet green has materially increased during the past week and there promises to be sufficient green and holly for all demands.

Various Items.

We hear rumors of important changes among the wholesalers that are to take place Jan. 1.

The leading retailers in the residence sections are doing a splendid business, having a heavy run of decorations for "coming out" parties. Fine roses are largely used at these affairs, and many of them are taking place on Saturdays. C. A. Samuelson used 1,200 Bridesmaids in such decorations last Saturday.

Mr. C. J. Stromback has fully recovered from his recent illness and is again attending to his duties at Lincoln Park.

The bowling team has joined the American Bowling League and is team No. 6 in that organization. They will play their first league games next Friday evening, 15th inst.

Mr. E. Dailledouze, Flatbush, N. Y., is in the city.

Branches of a very pretty red berried shrub called "Winter Berry" have been very freely sold in this market lately. It is *Ilex verticillata* (syn. *Prunus verticillata*). The stems are devoid of foliage, but the berries are very plentiful and bright in color and the branches have been used with very fine effect.

PHYSOSTEGIA VIRGINIANA ALBA.

We present herewith an engraving from a photograph of a white form of this native American perennial which was sent to us by Mr. C. K. Schnelder, Darmstadt, Germany, who writes that in the nurseries of Mr. H. Henkel, in that city, many hundreds of the plants are to be seen and that they supply large quantities of flowers for cutting. In these nurseries the plants begin to bloom July 1, and continue in bloom till autumn.

The type, which bears pinkish white flowers, is indigenous to the vicinity of Chicago, and is found plentifully on wet banks. It bears the common name of False Dragon Head. The white form is undoubtedly a decided improvement on the type and should be useful in American gardens.

BUFFALO.

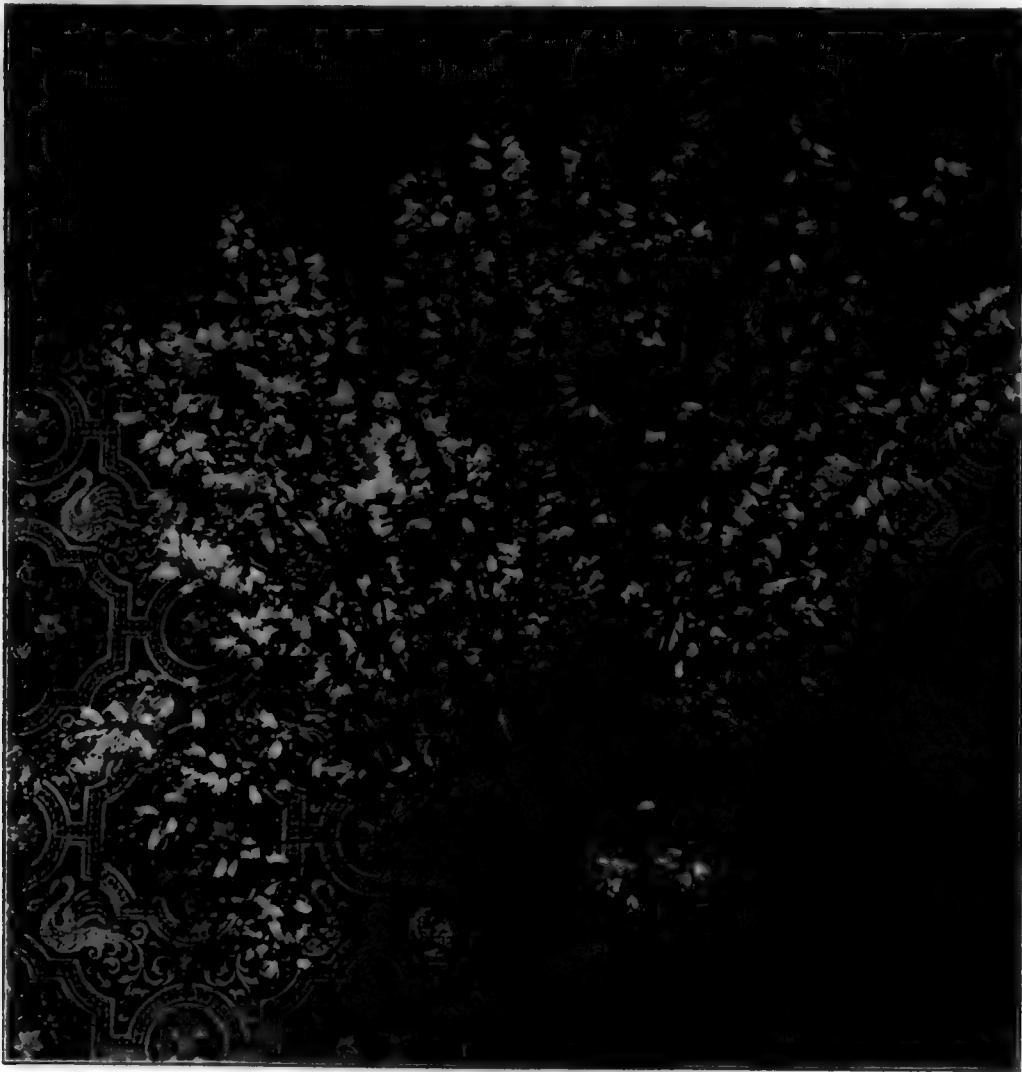
Trade Conditions.

A big snowstorm that came so suddenly that it prostrated the trolley lines, with one zero night and now dark, rainy, sloppy weather, are the climatic features we have to record for the past seven days. As we have no bowling to record, we must fall back on the weather. We suspect it is the elements, of which we are all so much the creatures, that accounts for the great scarcity of flowers. Of violets and carnations there is a great shortage, much more so than is usual. This will have to be a plant Christmas with many.

Holly has arrived, and if it is all as good as that supplied by our Mr. Kastling, we are in luck. His first consignment of two carloads is splendid. We can feel in the air that this is going to be an "old-fashioned" Christmas. Greenery of all kinds will be used to an immense extent. Rhododendron sprays from the Adirondacks will this year mingle its somber green with other products of the forest.

A Trip to Hamburg.

We took a jaunt to Hamburg, Erie county yesterday to visit that good grower and thorough student of his business, C. T. Guenther. The place is not yet eighteen months old, but



Physostegia Virginiana Alba.

much has been done in that short time. There are eight or nine houses, mostly 100x20, and entirely devoted to roses and carnations, well built, steam heated and what is most gratifying to the writer, there is not an ounce of putty on the whole place. The next time some presumptuous young man slaps me on the back and says: "W. S., you ought to know better than talk this butted glass fad," I hope to have Mr. Guenther at my side. He will shut him up if I can't. Mr. G. worked in Germany, England and several of the very best places in this country and has seen for himself, and now he says: "I would not dream of ever doing anything but butt my glass."

His roses, Brides, Bridesmaids and Kaiserins, are in grand order. Most of his carnation houses are looking splendid. The exceptions are those planted in solid beds in the spring. They are by no means bad, but Mr. G. says no more of it for him. He will in future put them all in the field and lift very early in August.

What to grow in carnations is beginning to be a puzzle, as it was with mums a few years ago. Mr. G. says: "I like Flora Hill; it is early and productive," and I agree with him, although his White Clouds are immense. He likes Mrs. Joost and so do I; it is destined to entirely supersede Scott. Mrs. Bradt with him is free and magnificent. As he grows Armazindy it is

indispensable. Triumph will have to go, but Victor is large, free and profitable. It is pleasant to see Genesee so well done as it is here, but the greatest revelation was a bench of Red Jacket, grand stem, fine flower, and lots of them. My opinion of Red Jacket was that it always looked promising but you never realized, but now I am convinced that it can be grown well and profitably.

Sub-Watering.

Mr. Guenther can show you his experiment with sub-watering. He has sixteen feet of bench about five feet wide, beneath which is a galvanized iron tray; on that are the bricks, and then four inches of soil. It is Prof. Arthur's plan carried out faithfully. Excepting the first watering when planted (three months ago), the bed has only received water from below. An adjoining sixteen feet is bricks stood close together on the ordinary bench and soil on top of them, and watered, of course, on the surface. Next comes the usual board bench. All one variety. The sixteen feet of true sub-watering looks slightly better than any and the brick drainage a trifle better than the ordinary bench. But the difference between all is not very marked. Mr. Guenther says rather decisively that the expense of the water-tight bench and bricks precludes its commercial use.

Before we left Mr. G. showed us the use of the "Aphis Punk," which he says destroys fly to a certainty, and after repeated trials cannot see the least harm that it has done to the roses. It certainly emits nicotine enough to make a Baggs or a cat sneeze. The visit was profitable and pleasant and on the ride home we found ourselves singing the innocent little refrain that we remember from our early musical education, "How pleasant it is at the close of the day no follies to have to repent, but look back on the past and be able to say, my time has been properly spent."

Plant and Flower Beggars.

The most important club meeting in some years occurred last Wednesday. The begging and borrowing of palms and flowers for church fairs, bazaars and many other such affairs has grown to be an intolerable nuisance; not one beggar a day, but some of us get five and six a day. Not only is it a great tax on our business, but loaning out palms has actually belittled the business. A decoration of palms is no longer thought good taste for they can be seen everywhere, even to a dog show; not very long since we had some palms at such an affair and they absorbed so much of the flavor of doggie that for months we had to say, when sending out palms for a decoration: "Be sure and don't take any of the dog palms."

Why should we give away incessantly a bunch of flowers to every fussy, cheeky individual who wants to do something for charity? So much could be said on the subject, and doubtless we are not the only ones; other cities suffer likewise. It has come to a stop here, and suddenly. We have all signed an agreement that, after the 15th of Dec., all solicitations for donations will be refused. Every florist has deposited a sum of money with the president of the club, which, on proof of violation of the agreement, will be forfeited.

A copy of the agreement will be given every one of us and we intend to have it neatly framed, so when Mrs. Chronic Sympathy wants a few palms and a few flowers for the seventeenth anniversary of the Cold Water Section of the Daughters of Rebecca, we shall show her in big type our agreement, and if all will stick to it loyally this scourge to our business is at an end, and the earnestness of all in the business portends its success.

Of course, there are some fine people who spend their money with you freely and seldom or ever ask a favor, but if they should, and then it would only be for a public hospital, we have provided to meet such cases. The text of the business agreement, as well as that we have to show our customers, will be gladly furnished you when you have time to print it. There are a few sweet souls in the world who have in their hearts, or rather in their heads, the feeling that was taught the early Christians, "that it is better to give

than receive," but by far the greatest number of our nominal Christians are less removed from the hog.

David, the Son of William.

David J., the fifth son of William Scott, has left home to work for Mr. Robert Craig & Son, of Philadelphia. We feel sure he will work hard, but we are not so sure that he will awake in time. "Read, mark, learn and inwardly digest." Some of us wish we had made better use of our time when young. Then we could have easier times now.

W. S.

ST. LOUIS.

Business Conditions.

So far this month the business with retail florists has been satisfactory, and with the holidays close at hand, we will have nothing to complain of. Nearly all the florists are busy making wreathing, wreaths, bells, stars, and other holiday goods.

The store fronts are beginning to look Christmassy. A few of our large department stores are this year handling greens of all kinds. Union Market is full of it, and by next week the street fakir will be selling wreaths and wreathing in place of flowers.

Most of the growers seem to think that they will have a large crop for Christmas; of course much depends on the weather. We sincerely hope the growers will not think of picking their roses this year, as no doubt they have learned better by this time. It is different with carnations, violets and other flowers, which can be kept back with perfect safety.

Shipping trade was not up to the average the past week. Quite a lot of Christmas orders have been placed; still, many of the retailers are holding off until they know something of the prices likely to prevail. It is not expected that very high prices will rule, but no doubt they will advance somewhat the first part of the week.

Beauties are still scarce, and first quality brings \$4 per dozen. Some extra fine Meteors sold as high as \$5 to \$7 per 100; Bridesmaids are rather poor color and not good sellers; Brides and Perles are in good demand and the average price for these is \$5 per 100. Violets are still scarce and are kept at \$1 for Californias; small singles, 50 cents. In bulb stock, good valley holds up to \$4 and there is quite a lot of it sold at \$3. Romans continue plenty and the supply is much greater than the demand. The same may be said of paper whites. Asparagus seems to sell better than smilax this season.

Notes.

Ellison & Tesson are making a fine display at 625 Olive street of holiday goods. Their front is very tastefully decorated.

Mr. Alex. Siegel, who recently open-

ed a store at 720 Olive street, says the location is good and that business is better than ever before with him.

Cannon Floral Co., at Webster Grove, are cutting some very fine Beauties and other cut flowers. This is their first year growing for the market.

The bowling club will do but little, if any, bowling before the holidays, but after the busy time is over we shall begin in earnest and perfect ourselves for the great New York contest, which, no doubt, will be the grandest in the history of the S. A. F.

Bowling.

The Bowling Club rolled four games on Monday night with six members present, and some good scores were made, Kunz being high man on the night and Sanders high on single score. The scores made were as follows:

	1	2	3	4	Tot.	Av.
J. W. Kunz.....	162	161	139	175	637	159
C. C. Sanders.....	132	143	182	158	615	154
Carl Beyer.....	149	125	133	170	577	144
C. A. Kuehn.....	142	135	136	162	575	144
Emil Schray.....	131	101	131	153	516	129
John Young.....	100	123	134	131	488	122

J. J. B.

BOSTON.

Some epigrammatist (not necessarily in the profession) has said that the presidential administration that takes up the least room historically is the best one. If that same rule works upon the weekly record of floral Boston, last week was surely a good one because one sentence very neatly tells the whole story.

The week started off with everything scarce and high and finished up in the same shape, with the exception of carnations, which had forgotten to keep shy and began to tumble in more plentifully, so that the figure upon them was crowded down. They have been selling at from 1½ to 3 cents for the ordinary kinds and naturally a little more for fancy breeds, while the peerless Lawson still retains its exclusiveness to a great extent, but I have seen a few that did not come from the main camp at Ellis, and they were wholesaling at 8 to 10 cents each. There has been a fair supply of other material, too, and since the demand has been so good it may be supposed we have got our winter form on and that trade will continue on present lines until after Easter at least. Kindly hope so for us.

News also scarce and coming high. But E. M. Wood, with his well known adaptability for keeping up with the times, has laid at least the mental sills for two rose houses, each seven hundred feet long. One of them is intended to shelter the American Beauty and the other shields the Liberty, so their loyalty to the national colors cannot be questioned. Ground is broken for them and the job will be handled with accuracy and dispatch.

A fire in the building containing the Calder Co.'s establishment, on Mon-

day morning of this week, destroyed their chance to make a dollar for a day or two at least, but as this happened too recently for me to know the particulars we can only hope the damage is no more.

Our immaculate climatic conditions still continue, each attempt at a storm clearing away warmer and warmer. Grass is green and flourishing and except for the lack of flowers and leaves on the trees one might think an advanced state of spring were in vogue. Those who remember former years expect a change some time between now and April 1st. By the way, if we get a cold snap before Christmas we shall have a famine in flowers at that date, perhaps.

B. T.

PITTSBURG.

Cut flower trade is good. Retailers are all busy. Prices are good; stock scarce, not enough to go around. Considerable funeral work has been made up lately. T. M. Ulam had several large pieces, among them an express car very tastily made up.

A few chrysanthemums are still to be had at a good price for fair flowers.

A. W. Smith is well pleased with his new location and roomy store.

The Pittsburg Cut Flower Company moved to a larger store room, No. 504 Liberty St., a central location, where they will be more able to handle their fast increasing trade. A full line of florists' supplies are on hand now, which is a convenience to their customers.

F. Burkl, Bellevue, has been cutting Harrisii for over a month. He reports them comparatively free from disease this year. He will have freesias before Christmas. Other growers will have Harrisii to cut from now on.

Stock of Ethel Crocker has been already received from E. G. Hill. This new carnation and The Marquis have been quite largely ordered by Pittsburg carnation growers.

Asparagus plumosus and Sprengeri seem to be quite plentiful here. The Pittsburg Cut Flower Company are handling a great deal of both.

Murdock's Fifth avenue window is always very tastefully arranged.

BEAR.

EMPLOYEES.

"Encourage your employees to study and thoroughly master the details of their work. It will make them more valuable employees as well as better men." This has been the advice of all thinking employers.

Now is a good time to act upon this advice. Present your employee with a copy of the Florists' Manual, by William Scott. It is not only a handsome volume that makes an attractive gift, but it contains the sort of matter that will make your employees better workmen. You will benefit yourself as well as showing your employee that you regard him as something more than a mere machine.

M. RICE & Co., are exclusive Importers and Manufacturers of Florists' Supplies

MOSS WREATHS.
BASKETS.

WHEAT SHEAVES.

DOVES.

GRASSES.

IMMORTELLS.

POT COVERS.

METAL DESIGNS.

CHENILLE.

PLATEAUX.

CAPE FLOWERS.

LACE and PAPER HANDKERCHIEFS.

PREPARED PALM LEAVES.

PEDESTALS.

PALM PLANTS, Etc.

CATALOGUE FOR THE ASKING.

M. RICE & CO., No. 918 Filbert Street, Philadelphia, Pa.

Mention The Review when you write.

ESTABLISHED 1802

THORBURN'S SEEDS

JAPAN LILIUM LONGIFLORUM.

	Per 100.	Per 1000.
5 to 7 inches circumference,	\$2.50	\$20.00
6 to 7 " " "	2.75	25.00
7 to 9 " " "	4.50	40.00

LILY OF THE VALLEY
and LILIUM AURATUM.
Prices on application.

J.M. THORBURN & CO.

(Late of 15 John Street)

36 CORTLANDT STREET, NEW YORK

Mention The Review when you write.

CHOICE STOCK

For Christmas Trade.

Cyclamen, 4 colors, 2½-inch pots, \$3.00 per 100.
Asparagus Sprengerii, 2½-inch pots, extra strong, \$6.00 per 100.

Asparagus Sprengerii, 3-in. pots, very large, \$8.00 per 100.

Primroses (Chinese) 3-in. pots, \$5.00 per 100.

" " 4-in. pots, 8.00 "

" " 6-in. pans, 8.00 per doz.

(Obconica Grandiflora and Hybridum) same size and price as Chinese Primroses.

All are in bud and bloom.

NATHAN SMITH & SON, Adrian, Mich.

Mention the Review when you write.

PLANTS AND CUTTINGS....

Begonias, best flowering varieties, 4-in. pots, \$1.00 per doz., \$5.00 per 100. Umbrella Plants, 4-in. pots, \$1.00 per doz., \$8.00 per 100. Ferns, Pteris tremula, 2-in. pots, 50c per dozen, \$4.00 per 100. Vincas, center of foliage yellow, 2½-in. pots, 50c per doz., \$3.00 per 100. Geraniums, best bedding varieties mixed, in fine growing condition, 2-inch pots, \$2.50 per 100. Geraniums, rooted cuttings, \$1.50 per 100. Rooted cuttings of Fuchsias, Heliotrope, Chrysanthemum frutescens, per 100, \$1.00. Rooted cuttings of Alternanthera, red and yellow, Ageratum, blue and white, Dwarf Micanthea, Coleus, best bedders, 50c per 100. Carnation Mrs. Fisher, rooted cuttings from soil, \$1.25 per 100.

C. LENGENFELDER, ELGIN, ILL.

Mention The Review when you write.

The Right Cypress for Greenhouse Material.

Have you heard of Cypress Greenhouse Material that has not been satisfactory? If you have it does not follow that Cypress is not the best lumber to use. There is White Cypress, Yellow Cypress and Red Cypress; there is Cypress that grows on the high lands and Cypress that grows in the swamps.

All of these different kinds are not suitable for greenhouse purposes. Do you know which kind is best and do you know that kind when you see it? If not you would better buy from those that do know and will deliver exactly what they sell. We introduced Cypress for greenhouse construction and pushed it to the front. We know all about it. For fifteen years we have made a specialty of furnishing it, and during this time we have built up a reputation that we can not afford to jeopardize. We send out the best only.

Write for Circulars
or Estimates.

Lockland Lumber Co.

LOCKLAND, OHIO.

Mention The Review when you write.

Burpee's Seeds Grow

PANSIES... WORTH RAISING

Good Plants by express, \$2.50 per 500;
\$4.00 per 1000. Seed as usual.

G. SOLTAU & CO., 199 Grant Avenue,
JERSEY CITY, N. J.

Mention The Review when you write.

SOUTHERN WILD SMILAX.

Case No. 1, \$1.00. Case No. 3, \$3.00; Case No. 5, \$4.00
" No. 2, 2.00; " No. 4, 3.50; " No. 6, 4.50
Carefully selected stock. Full cases.

Write for art catalogue, "Evergreens of the Southland," which every florist should have in his store to show customers. Illustrations of beautiful Southern Evergreens.

CALDWELL THE WOODSMAN CO., Inc.,

EVERGREEN, Alabama.

P. S.—The cow is dead—Smilax killed her.

Mention The Review when you write.

Always Mention the....

Florists' Review

When Writing Advertisers.

300,000 VERBENAS....

60 finest named varieties, including our new mammoth white, Mrs. McKinley, the finest white Verbena grown.

PERFECTLY HEALTHY. FREE FROM RUST.

Rooted Cuttings 6" c per 100, \$5.00 per 1000.

Plants \$2.50 per 100, \$20.00 per 1000.

Our list is the choice from millions of seedlings. Send for list. J. L. DILLON, Bloomsburg, Pa.

Mention The Review when you write.

EDWARD B. JACKSON, Wholesale Florist.

HARDY HERBACEOUS PLANTS ONLY.

In any quantity for the least money.

STAMFORD, CONN.

EVERY FLORIST
OUGHT TO INSURE
HIS GLASS AGAINST

HAIL

FOR PARTICULARS ADDRESS

JOHN G. ESLER, Sec'y, SADDLE RIVER, N. J.

Mention The Review when you write.

SAMUEL S. PENNOCK, Wholesale Florist

{ Until further notice, will be open from }
6:00 a. m., to 11.00 p. m.

American Beauties and Valley Our Specialties. 1612-14-16-18 Ludlow St., Philadelphia, Pa.

Mention The Review when you write.

PHILADELPHIA.

The Market.

There has been no perceptible change in business from last week. Roses are quite scarce, Bridesmaids exceptionally so. Quite a few carnations coming in and they sell well.

Beauties range in price from \$2 to \$6 per doz; Brides, Maids, Kaisers, and Meteors, \$4 to \$10 per 100; Gontier, \$5; Perles, \$4 to \$8; Morgans, \$6 to \$8; Liberty, \$15 to \$25; Golden Gate, \$6 to \$10. Carnations, Ethel Crocker, \$5 to \$6; other varieties, \$1 to \$3; cypridiums, \$15; hyacinths, \$2 to \$4; valley, \$3 to \$5; narcissus, \$2 to \$4; violets, single, 50c; double, \$1 to \$2; mignonette, \$3 to \$4; asparagus, 50c; adiantum, \$1; smilax, 15c.

Club Meeting.

At a well attended club meeting on Tuesday night, Dec. 5, Mr. Paul Huebner, landscape gardener for the Reading railroad read an interesting paper on landscape gardening for railroad corporations. Mr. Huebner is of the opinion that each railroad should establish its own outfit for the plants and shrubbery needed, and that from an advertising standpoint the floral decorations have great value.

The monthly contest of the bowling club brought out an unusually large number, 41 taking part. A. J. Hamilton, the club's star bowler, winning for the fifth consecutive time, making an increase of two pins over his previous general average.

Visitors: Mr. Giles, Reading, Pa.; Mr. Cook, with Small & Sons, Washington, D. C.; Ira G. Marvin and Mrs. Muir, Wilkes-Barre, Pa.; Mr. Severy, Boston, and the junior Scotts of Buffalo.

GREGSON SPRINGS, MONT.—Mr. Wm. Day, formerly of Butte, is building two greenhouses here, each 25x100. As an experiment they are to be heated by natural hot water from a hot spring.

INDEPENDENCE, IA.—The E. M. Bissell Floral Co. has been dissolved. The business will be continued by E. M. Bissell, J. A. Cilley retiring.

PITTSBURG CUT FLOWER CO., Ltd.

WHOLESALE FLORISTS.

Long Distance
Phone 2157.

CONSIGNMENTS SOLICITED.

No. 504 Liberty St.,
PITTSBURG, PA.

FLORISTS' SUPPLIES.

Write for Price List.

Mention The Review when you write.

Asparagus Plumosus

Cut Strings
8 feet long.
50c per string.

Nanus

Shipped
to any part
of the country.

W. H. ELLIOTT,
BRIGHTON, MASS.

Mention The Review when you write.

Galax Leaves GREEN and BRONZE

New Crop, finest stock only
for the Holiday Season.

The Introducer,
HARLAN P. KELSEY,
1106 Tremont Building, - - - BOSTON, MASS.
Mention The Review when you write.

Real Estate,

Land with or without Greenhouses
in different parts of the United States.

BARGAINS can be had and opportunities opened
for profit. Write for particulars and state
your requirements.

SMITH & SMITH,
345 Sixth Ave., PITTSBURG, PA.

Brokers in Real Estate,
Glass, Pipe, Boilers, etc.

Mention The Review when you write.

PANDANUS VEITCHII

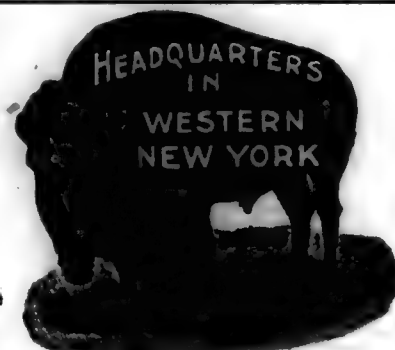
Vigorous Shapely Plants.

6-in. pots, \$1.00 each. 7-in. pots, \$1.50 each.
8-in. pots, \$2.00 each.
Discounts on large orders.

JOHN WELSH YOUNG,
Upsal Station, Penna. R.R. Germantown, Pa.

GIVE US
A
TRIAL.
WE CAN
PLEASE
YOU.

Roses,
Carnations
and all
kinds of
Seasonable
Flowers
in stock.



WM. F. KASTING, Wholesale Com-
mission Florist,
451 Washington St., BUFFALO, N. Y.
Also Dealer in Florists' Supplies and Wire
Designs.

Mention The Review when you write.

WM. J. BAKER,

WHOLESALE CUT FLOWERS,

1432 S. Penn. Square, PHILADELPHIA, PA.

Original Headquarters for CARNATIONS.
Mention The Review when you write.

Cut Flower Exchange,

404 - 412 East 34th St., New York,

NEAR THE FERRY.
Open Every Morning at 6 o'clock for the sale of
CUT FLOWERS.

Wall space for Advertising purposes to Rent.

J. DONALDSON, SECRETARY.

Mention The Review when you write.



FANCY



DAGGER

HARDY CUT FERNS

In 1000 lots, \$1 per M. Discount on larger orders.
Also dealer in Sphagnum Moss, Bouquet
Green, Christmas Trees, etc., etc.

L. B. BRAGUE, - Hinsdale, Mass.

Mention The Review when you write.

3,000 POINSETTIAS!!!

Grown to single stems, measuring from
18 to 26 inches in diameter.

Write for prices....AMERICAN ROSE COMPANY, WASHINGTON, D. C.

Mention The Review when you write.

SPECIAL PRICES on Green and Holly!

ORDER QUICK.

Having an extra large supply of Xmas Green and Holly, we are enabled to offer it at following low prices:

XMAS HOLLY

Strictly Delaware Selected, Well Berried.

Case.....\$4.00 5 cases.....\$18.00 10 cases.....\$35.00

SOUTHERN HOLLY

Very Good Quality, Well Berried.

Case.....\$3.00 5 cases.....\$12.50 10 cases.....\$22.00

HOLLY WREATHS

Well Made of Selected Holly.

Per doz.	Per 100	Per doz.	Per 100	Per doz.	Per 100
10-in., \$1.00	\$7.00	12-in., \$1.25	\$9.00	14-in., \$1.50	\$11.00

Select Double Sided, per dozen, \$3.00

WIRE RINGS FOR WREATHS.

Per 100	Per 1000	Per 100	Per 1000	Per 100	Per 1000
10-in....50c	\$4.50	11-in....55c	\$5.00	12-in....60c	\$5.50
14-in....65c	6.00	16-in....75c	6.50		

MISTLETOE

Per lb....25c 5 lbs....\$1.00 Per bbl., about 25 to 30 lbs...\$5.00

XMAS GREEN

Stock is Finer than Ever.

Crate, 100 lbs.....\$3.50 5 crates, 500 lbs.....\$16.25
10 crates, 1000 lbs.....\$30.00

WREATHING Well Made by Hand.

100 yds.	1000 yds.	100 yds.	1000 yds.	100 yds.	1000 yds.
Light, \$2.50	\$22.00	Medium, \$3.00	\$27.50	Heavy, \$4.00	\$37.50

Green Wreaths, well made with few red and yellow Immortelles dotted through them, same price as Holly Wreaths elsewhere priced.

Rattan for making rings, per lb.....25 cents; per 25 lbs., \$5.00

XMAS TREES

Can Furnish No. 1 Trees as Follows:

4 to 6 foot trees, per doz.....	\$2.00	Per 100, \$15.00
6 to 8 " " " " " " " " " " " "	3.00	" 20.00
8 to 10 " " " " " " " " " " " "	4.00	" 25.00
10 to 12 " " " " " " " " " " " "	5.00	" 35.00
12 to 15 " " " " " " " " " " " "	8.00	" 50.00

Church Trees, fine, 25 to 30 ft. high, from \$2.50 to \$10.00 each.

OTHER SPECIALTIES of ours for Holiday Trade are Wild Smilax, Needle Pines, Palm Leaves, Palm Crowns, Sheet Moss, Laurel, Laurel Wreathing, Ivy Leaves, Poinsettias, Galax Leaves, Common Ferns, Gray Florida Moss, Cut Flowers of all kinds. Place your orders with us early. Our facilities for handling your orders are unsurpassed.

PAMPAS PLUMES--SELECT.

Colored, per doz.....	75c	Per 100, \$6.00
White, " " " " " "	50c	" 8.00

CAPE FLOWERS.

Red, Pink, Purple, Blue, White, Green, Lavender, Violet, Yellow.

Colored, per lb., \$1.50	5 lbs., \$7.00	10 lbs., \$13.50
White, " 1.25	5 " 5.00	10 " 9.00

Special Low Prices on Wild Smilax for Holidays.

Parlor Brand, case.....	each, \$3.00
Medium size, " " " " " "	4.50
Large size, " " " " " "	7.00
Needle Pines, small.....	dozen, 1.50
" med.....	2.25
" large.....	3.00
Sabal Palm Leaves.....	Per 100, 4.00
Palm Crowns.....	Per doz., 3.00
Sheet Moss.....	Per bale, 1.00
" " " " " " " " " " " "	Per bbl., 3.00
Laurel.....	4.00
Laurel Wreathing.....	Per 100 yards, 5.00
Florida Gray Moss.....	Per bbl., 4.00

SPECIAL...

POINSETTIAS

We are headquarters on Poinsettias for the Chicago market. Our stock is extra fine, as supply of these beautiful Xmas decorative flowers is quite limited, we advise early orders.

Small size.....	Per doz., \$1.00 to \$1.50
Medium size.....	" 2.00 to 3.00
Select size.....	" 4.00
Extra Select—very largest..	" 5.00

Common Fancy Ferns, - \$1.50 per 1000.

PLACE ORDERS ON ABOVE EARLY.

All Cut-Flower orders packed with the most careful attention and shipped at proper time. Write us for prices on Cut Flowers.

McKELLAR & WINTERSON,
45, 47, 49 Wabash Ave. CHICAGO.

E. H. HUNT

THE "OLD RELIABLE" FOR

**Wholesale
Cut Flowers**

Hunt's Flowers Go Everywhere.

76 Wabash Ave. CHICAGO.

Mention The Review when you write.

CHRYSANTHEMUM SOCIETY.

Work of the Committees, Dec. 9.

NEW YORK.—Nathan Smith & Son, Adrian, Mich., exhibited Superba, a silvery pink Jap. Inc. which scored commercial scale 90 points.

PHILADELPHIA.—Same as above.

CHICAGO.—Superba before this committee scored commercial scale 89 points.

ELMER D. SMITH,
Secretary.

**TRUST CUTS THE PRICE OF
GLASS.**

Pittsburg, Pa., Dec. 8.—The American Window Glass Company is reported to have made a cut of 33 1-3 per cent in the price of all window glass, effective last Wednesday, and to have ordered fires lighted in all its factories, the purpose being to resume operations about January 1. This move is considered a declaration of war on the independent manufacturers.

DENVER.

The following scores were made on Tuesday, Dec. 5, by the Denver Florists' Bowling Club:

	1st.	2d.	3d.	Av.
A. E. Mauff.....	212	222	182	205
Robert Kurth.....	117	134	159	137
N. J. Jakobson.....	203	159	153	172
Don Scott.....	162	139	149	150
Charles Franz.....	168	189	179	178
George Brenkert.....	190	144	201	178
Ed. Emerich.....	124	194	165	161
Charles Thiess.....	128	236	169	178
Oliver Wheatley.....	52	97	102	84
E. C. Flohr.....	106	140	129	125
A. M. Lewis.....	143	111	131	123
William Clark.....	116	113	...	114
Charles Mauff.....	210	145	179	178
John Berry.....	179	222	122	174
George Zimmers.....	146	150	163	153
A. A. Benson.....	141	110	115	122
William Lingenbrink.....	80	129	99	103
John Ferris.....	149	104	134	129
Charles Meyer.....	128	151	133	137
Bernard Beer.....	111	82	146	113

E. C. F.

SAGINAW, MICH.—Wm. Roethke has the fire damage to three of his houses fully repaired. Something over 3,000 square feet of glass were replaced.

PORT HURON, MICH.—D. E. Stevens & Co. have opened a floral store in the Sanborn building on Water St.

**CHRISTMAS
Quotations....**

ON CUT FLOWER STOCK THAT WE HANDLE—WILL HAVE and WILL FURNISH to those placing order now—furnished on application. Stock—good stock—will be scarce enough. We will have a large quantity. Who gets it? Think it over.

We make Carnations a special feature. We can suit you.

E. C. AMLING,

W. S. HEFFRON, Mgr.

51 Wabash Ave., CHICAGO, ILL.

Mention The Review when you write.

Bassett & Washburn**76 Wabash Ave., CHICAGO, ILL.**Wholesale Growers of and Dealers in **CUT FLOWERS**

Greenhouses at Hinsdale, Ill.

Mention The Review when you write.

**W. E. LYNCH
Wholesale Florist,****19-21 E. Randolph St. CHICAGO.**

Mention The Review when you write.

A. L. RANDALLTelephone
1496**Wholesale Florist****4 Washington St., Chicago.**

In our new and enlarged quarters we are better prepared than ever to handle your orders.

Mention The Review when you write.

WHOLESALE GROWER OF ROSES. DEALER IN **CUT FLOWERS.****J. A. BUDLONG,****37-39 Randolph St., CHICAGO, ILL.**

Mention The Review when you write.

**Maplewood Cut Flower and
Plant Co. GEO. M. KELLOGG, Pres.**Growers of **CUT FLOWERS** at Wholesale.

Regular shipping orders given special attention. We have the largest plant west of Chicago.

Store: **906 Grand Ave., KANSAS CITY, MO.**
Greenhouses; Pleasant Hill, Mo.

Mention The Review when you write.

WIETOR BROS.Wholesale Growers of **Cut Flowers.**

All telegraph and telephone orders given prompt attention.

51 Wabash Avenue, CHICAGO.

Mention The Review when you write.

**C. A. KUEHN WHOLESALE
FLORIST**

Cut Flowers and Florists' Supplies.

Manufacturer of the Patent Wire Clamp Floral Designs. A full line of supplies always on hand. Write for catalogue and prices

1122 PINE STREET, ST. LOUIS, MO.

Mention The Review when you write.

**H. Berning
G. Berning****WHOLESALE
FLORIST,****1322 Pine Street,
ST. LOUIS, MO.**

Mention The Review when you write.

**ELLISON & TESSON,
WHOLESALE SHIPPING
FLORISTS****3134 Olive Street, ST. LOUIS, MO.
...Home Grown Stock...**

Mention the Review when you write.

**Cincinnati
Cut Flower Co.**W. A. MANN.
FRANK W. BALL.**416 Walnut St. CINCINNATI, O. Wholesale Florists**

Consignments Solicited.
Special Attention Given to Shipping Orders.

Mention The Review when you write.

K. Bros. Co.

WILL FILL all orders for
Christmas, except
Beauties, at current Chi-
cago market rates.

KENNICOTT BROS. CO.

42 and 44 E. Randolph Street, CHICAGO, ILL.

REINBERG BROS.

Wholesale
Growers of.. **CUT FLOWERS.**

800,000 feet of Glass.
Headquarters for fine AMERICAN BEAUTIES.

51 Wabash Avenue. CHICAGO.

Mention The Review when you write.

BENTHEY & CO.

F. P. BENTHEY, Mgr.

WHOLESALE AND COMMISSION **Florists.** Consignments Solicited.

41 Randolph St. CHICAGO.

Mention The Review when you write.

WRITE
GEO. A. KUHL,
PEKIN, ILL.

for prices of Roses, Carnations, Paper Whites,
Romans and Smilax. First Rooted Cuttings
of Roses ready for immediate shipment.

Mention The Review when you write.

CINERARIAS and CYCLAMEN.

Cinerarias for Christmas blooming, 2½-in., \$2.00
per 100; 3-in. \$3.00 per 100; large plants in 4-in. pots
\$1.00 a doz. Cyclamen Giganteum and Persicum,
3-in. \$5.00 per 100. S. WHITTON, UTICA, N. Y.

Mention The Review when you write.

Choice Plants for Autumn Sales.

JOHN H. LEY,

Good Hope, Washington, D. C.

Asparagus P. Nanus, 5-in. pots doz., \$3.00
Ferns, 30 new and choice sorts, 4-in. pots, 100, 10.00
" 10 choice sorts, 2-in. pots " 4.00
Nephrolepis Washingtoniensis, the finest
new Fern this year, 4-in. pots doz., 3.00
Adiantum Hybridum, new, elegant, 8-in., each 1.00
" Cuneatum, extra large, 4-in. pots, 100, 10.00
Crotons, 12 finest sorts, colors fine, 4-in., doz., 1.00
Peperomia Arifolia and Argyreia, 8-in., " .50
Selaginella Africana, fine blue and others,
3-in. pots doz., .50
Ferns, from flats, nice little plants for small
pots, 10 sorts, 100 free by mail 1.25
Careful packing. Cash with order. Plants gratis.

Mention The Review when you write.

ROOTED CUTTINGS!

PELARGONIUMS, 15 varieties \$2.00 per 100
PETUNIAS, 30 " 1.25 "
HELIOTROPE, 15 " 1.00 "
VERBENAS, 40 varieties, \$5.00 a 1000, .60 "
Express prepaid except on Pelargoniums.
Cash with orders. Do not send checks.
For particulars S. D. BRANT, CLAY CENTER,
write.... Kansas.

Mention The Review when you write.

GALAX LEAVES.

Chas. H. Ricksecker, Linville, N. C.

Mention The Review when you write.

15,000 Dracaena Indivisa,

in 2-in. pots, \$3.00 per 100, \$25.00 per 1000.

ASPARAGUS PLUM. NANUS,

in 2-in. pots, \$4.00 per 100, \$35.00 per 1000.

(Cash, please.)

Send for list of testimonials of our Soil Pulverizer.

No. 1, \$5.00; No. 2, \$10.00; No. 3, \$15.00

The Florists' Supply Co.

Box 56, - - - NORTH TONAWANDA, N. Y.

Mention The Review when you write.

8,000,000 HARDY CUT FERNS

at 75c per 1000.



My contract in Chicago has
been broken through a poor
paymaster.

Bouquet Green, 5c a lb.
Sphagnum Moss, 50c a bbl.
All orders by mail or telegraph
promptly attended to.

THOMAS COLLINS,
Hinsdale, Mass.

Mention The Review when you write.

Christmas Wreathing.

Good Heavy Grade, wound on cord, will
not pull apart. **Bright, Fresh, Green.**
Per 100 yards, \$3.00. Special rates on large
lots. Prompt shipment. Cash with order.

KEENAN'S SEED STORE,
6112 and 6114 Wentworth Ave., Chicago.
Mention The Review when you write.



Look this
over, then
THINK
NEW PLANTS.

NEW GERANIUM—De Roo Mitting, yellow foliage, double pure scarlet bloom, \$1.20 per dozen, \$10.00 per 100.

NEW GERANIUM—Double Snow Drop, the best dbl. white bedder to date, \$1.20 per dozen, \$10.00 per 100.

NEW YELLOW BABY PRIMROSE — \$1.20 per doz., \$10.00 per 100.

20 NEW COLEUS. They are Beauties—Dr. Nelson, Dr. Anderson, Dr. Erickson, Dr. Peterson, Dr. Stevenson, Dr. Osmanson, Dr. Emerson, Dr. Olson, Dr. Johnson, Dr. Pattison, Dr. Matterson, Dr. Carlson, Dr. Wilson, Dr. Thompson, Dr. Davidson, Dr. Siverson, Dr. Williamson, Dr. Jackson, Dr. Knutson, Dr. Furgeson. The 20 Drs. for \$1.00, or \$4.00 per 100.

COLEUS STANDARD.

South Park Gem, Carlsour, Queen Victoria, Crimson Bedder, Black Bird, Crist Beauty, John Good, Rainbow, Moonbeam, Hiawatha, George Simpson, Vernal Beauty, Emp. of Germany, Emp. Victoria, Princess Irene, and ten others just as good.

2 1/2-inch pots, \$1.50 per 100.

Rooted Cuttings, 40 varieties, 50c per 100.

Unrooted Cuttings, 60 varieties, 25c per 100.

Variegated Vinca, 2 1/2-inch.....per 100, \$2.00
Giant White Pansy Plants.....per 1000, 3.00

PETUNIAS — 10 varieties of Dreer's, 2 varieties from Australia, 9 varieties from France, 4 varieties from Germany, 5 varieties from England; the 30 varieties all mixed together, 2 1/2-in., \$2.00 per 100.

Per 100
Feverfew, Little Gem, 2 1/2-in.....\$1.50
Golden Leaved, 2 1/2-in.....1.50
Velvet Plant, 2 1/2-in.....1.50
Geranium Harmine and La Favorite, 2 1/2-in.....1.50
Hardy Pink Clumps.....2.00
Pansy Plants, \$3.00 and \$4.00 per 1000.
Primula Chinensis, 2 1/2-in.....1.50
" 3-in.....3.00
" from flats......75
Primula Obconica, 3 1/2-in.....3.00
" 2 1/2-in.....1.50
Forget-Me-Not, winter blooming, 2 1/2-in.....2.00

BEGONIAS, Flowering—White Rubra, Augusta, Galatea, Sandersoni, Semperflorens Rosea, Fuchews, Fuchoides, Red Vernon, Erfordii Pink and 10 other varieties, in small lots, all 2 1/2-in., \$1.50 per 100.

CANNAS—Florence Vaughan, Australia, A. Bouvier, Mme. Crozy, Statia, Mme. Charatt, and 10 others all mixed together, single eyes, \$1.00 per 100, \$5.00 per 1000.

Mesembryanthemum Erectum, Basket Plant, r. c., \$1 per 100; California Moss, r. c., \$1 per 100; Ogar Plant, 2 1/2-in., \$1.50 per 100; Alternanthera, 4 colors, yellow, red, pink and large leaved variety, 2 1/2-in., full of cuttings \$2 per 100, \$18 per 1000; 2 1/2-in., \$1.50 per 100, \$12.50 per 1000; Unrooted Cuttings, 4 varieties, 25c per 100, \$2 per 1000, \$8 per 5000, \$15 per 10,000.

Lycopodium Dent, 2 1/2-in., \$1.50 per 100; Iresines, 2 colors, 2 1/2-in., \$1.50 per 100; Dusty Miller, 2 1/2-in., \$3 per 100; Golden leaved Feverfew, r. c., \$1 per 100.

R. C. CARNATIONS READY.

G. H. Crane, 1899.....\$6.00 per 100
Glacier, 1899.....4.00 "
Argyle, 1898.....2.00 "
Empress, 1898.....1.50 "
Bon Ton, 1898.....1.50 "
Maud Adams, 1899.....4.00 "
Daybreak.....1.50 "
Morello.....1.50 "
America.....4.00 "
Triumph.....1.50 "
Melba.....4.00 "
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We are now booking orders for 1900 varieties, and all other good ones for future delivery.

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The Morris Floral Co.

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Have been found
INVALUABLE to use with
soil in the growing of
FLOWERING and
FOLIAGE PLANTS.

Send for our catalogue.

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317 Fairmount Ave.,

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Carnation Cuttings

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All cuttings guaranteed A1.

CHICAGO CARNATION CO.,

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—SPECIALTIES—

Onion Seed	Sweet Peas	Lima Beans
Lettuce	Cosmos	Salt Bush
Celery	Hollyhock	Bromus Grass
Carrot	Verbenas	Bermuda "
Salsify	Asters	Johnson "
Parsnip	Mignonette	etc.
etc.	etc.	etc.

ALL CALIFORNIA GROWN. WHOLESALE ONLY.

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New Mammoth Standards, all colors, they're pretty warm. 60c per 100; \$5.00 per 1000.

PETUNIAS, Dreer's are the best Double Fringed Pink to date, \$1.25 per 100; \$10.00 per 1000.

HELIOTROPE, 75c per 100. **AGERATUM**, 50c per 100. **COLEUS**, 50c per 100. Every cutting a selected cutting. Every cutting guaranteed.

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F. R. THORNTON, - - - - MACOMB, ILL.

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Wholesale
Florists,

RICHMOND, INDIANA.

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for want of room,
the following
plants, ready for
a shift.

	Pots.	Per 100.	Per M.
400 Phoenix Reclinata.....4-in.		\$8.00	
1000 " ".....2-in.		5.00	\$45.0
5000 Pteris Tremula....."		2.50	20.00
2000 " Ensifolia....."		2.50	20.00
2000 " Serrulata Max....."		2.50	20.00
8000 " Longifolia....."		2.50	20.00
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2000 " Compacta Nana....."		3.00	25.00
1000 " Onardia....."		2.50	20.00
1500 Nephrolepis Bostoniensis..2 1/2-in.		5.00	40.00
2000 " Cordata Compacta....."		4.00	35.00
2000 " Exaltata....."		4.00	35.00

Would exchange for 500 Adiantum Cuneatum.

CASH WITH ORDER.

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Absolutely the best pink Carnation ever offered the trade. Grown equally successfully by Hill, Craig, and myself, you are not buying it on a venture, but knowing that it is not a success in one soil and a failure in another.

In color, size, fragrance and stem it is just what the "storemen" want. In habit, constitution and freedom of bloom it is just what the grower wants, never out of crop from Sept. to July, more flowers to the square foot than any other known variety and practically no seconds.

With 18,000 stock plants to work from there is no danger of over propagation, and you are not asked to wait until planting out time for your cuttings but can have them whenever wanted. Orders entrusted to me will have my personal attention, both in the selection of the cuttings and the filling of the order.

Price per 100, \$10.00; per 25, \$2.50; per 1000, \$75.00; per 250, \$18.75. Herr's Pansies at \$4.00 now, and a regular assortment of Carnations in a list ready Jan. 1st. **ALBERT M. HERR, Lancaster, Pa.**

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New and Standard Varieties of

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Chrysanthemums Stock plants of the leading new and standard sorts.

Write for Prices.

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VARIETIES. Send for prices.

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CARNATIONS.

BEST NEW AND STANDARD VARIETIES
Write for catalogue and prices.

W. P. PEACOCK, ATCO, N. J.

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CLASSIFIED PLANT ADVERTISEMENTS.

Rate for advertisements under this head, 10 cents a line net, per insertion. New advs. and changes must reach us by Wednesday morning at latest to secure proper classification in issue of Thursday.

ACACIA.

Acacia Paradoxa, well budded, 50c, 75c and \$1.00 each.
Bobbink & Atkins, Rutherford, N. J.

ACALYPHA.

Acalypha Sanderl, 2½-in. pots, \$1.75 per doz.; \$12.50 per 100. 5-in. stock plants, with lots of cuttings, \$5.00 per doz.; \$40 per 100. Seawanhaka Greenhouses, Oyster Bay, N. Y.

Acalypha Sanderl, fine 2½-in. plants, \$8.00 per 100.
The Conard & Jones Co., West Grove, Pa.

Send in your order now for a copy of the Florists' Manual, by Wm. Scott, price \$5.00. Florists' Pub. Co., Chicago.

AGERATUM.

Ageratum Princess Pauline, the only one to grow. Extra strong, 2½-in., \$2.50 per 100. Rooted cuttings, extra strong, \$1.00 per 100. South Side Floral Co., Springfield, Ill.

Ageratum, rooted cuttings, 50c per 100.
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ALTERNANTHERA.

In 4 colors, large leaved varieties, 2½-in., full of cuttings, \$2.00 per 100; \$18.00 per 1000. 2½-in., \$1.50 per 100; \$12.50 per 1000. Unrooted cuttings, 4 varieties, 25c per 100; \$2.00 per 1000; \$8.00 per 5000; \$15.00 per 10,000.
Morris Floral Co., Morris, Ill.

Alternanthera, rooted cuttings, summer struck, \$1.00 per 100.
Greene & Underhill, Watertown, N. Y.

Red and yellow, rooted cuttings, 50c per 100.
C. Lengenfelder, Elgin, Ill.

ANTHERICUM.

Anthericum, 3-in., \$6.00 per 100.
Greene & Underhill, Watertown, N. Y.

"The Classified Advs. bring big returns" is the verdict of the advertisers.

ASPARAGUS.

Asparagus plumosus nanus, 2-inch pots, 50 cents per doz.; \$4.00 per 100. Same in 3-inch pots, \$1.00 per doz.; \$8.00 per 100. Asparagus Sprengerl, 2-inch, 50 cents per doz.; \$4.00 per 100.
Geo. Wittbold, 1708 N. Halsted St., Chicago.

Asparagus plumosus, 4-in., \$1.50 per doz.; \$10.00 per 100. Sprengerl, 3½-in., \$1.00 per doz.; \$6.00 per 100. Roney Bros., West Grove, Pa.

Asparagus plumosus nanus, 2-in., \$4.00 per 100; \$35.00 per 1000.
Florists' Supply Co., No. Tonawanda, N. Y.

Asparagus Sprengerl, fine large plants, in 5-in. pots, \$3.50 per doz.; \$25.00 per 100.
E. C. McFadden, Short Hills, N. J.

Asparagus plumosus fronds, from 1 to 2 ft. long, \$1.50 per 100. Cash.
H. P. Owen, Toughkenamon, Pa.

Asparagus Sprengerl and Plumosus, 2-in., \$5.00 per 100; 3-in., \$8.00 per 100. Cash.
Geo. M. Emmans, Newton, N. J.

Sprengerl, 2½-in., extra strong, \$6.00 per 100; 3-in., very large, \$8.00 per 100.
N. Smith & Son, Adrian, Mich.

6-ft. strings, 35c each; 8 to 12-ft. strings, 45c each. Cash.
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Asparagus plumosus, all sizes.
A. S. MacBean, Lakewood, N. J.

A. plumosus nanus, 5-in., \$3.00 per doz.
John H. Ley, Good Hope, D. C.

AZALEAS.

Azalea Indica in the best market varieties, 10 to 12 inches in diameter, \$35.00 per 100; 12-inch diameter and up, \$40.00 per 100. Rhododendrons, extra fine for forcing, small plants, \$35.00 per 100; large plants, \$60.00 per 100. Snowballs for forcing, \$35.00 per 100. Lilacs, Charles X and Marie Legraye, \$45.00 per 100. Prices on all other plants cheerfully given.
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BEGONIAS.

Gloire de Lorraine, the grandest novelty of the day and one of the best selling plants for florists ever offered. Blooms continuously, autumn, winter and spring. Fine, strong plants from 3½-in. pots, per doz., \$4.75; per 100, \$35.00. Flowering plants, from 2½-in. pots, per doz., \$2.35; per 100, \$17.50. R. & J. Farquhar & Co., 16 So. Market St., Boston, Mass.

Begonia Rex, assorted, 2½-in., \$4.00; named, \$6.00. Incarnata gigantea, 4-in., ready for 6-in., \$15.00; 2½-in., ready for 4-in., \$4.00 to \$6.00 per 100. Rooted cuttings, Erfordil, Rex, Incarnata gigantea, Flowering, \$2.00 per 100.
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Best flowering varieties, 4-in., \$1.00 per doz.; \$8.00 per 100. C. Lengenfelder, Elgin, Ill.

Rex begonia, finest mixed, 3-in., \$4 per 100. Cash.
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Gloire de Lorraine, 4-in., 50c each; \$5.00 per doz.
Roney Bros., West Grove, Pa.

Choice varieties, named, 2½-in., \$1.50 per 100.
Morris Floral Co., Morris, Ill.

BOUGAINVILLEAS.

Bougainvillea Sanderiana, strong, from 3-inch pots, 24-30 inches, \$8.00 per 100.
P. J. Berckmans Company, Augusta, Ga.

If you read these advs. others would read yours.

BULBS.

Japan Lillium Longiflorum, 5-7-in., \$2.50 per 100; \$20.00 per 1000; 6-7 in., \$2.75 per 100; \$25.00 per 1000; 7-9 in., \$4.50 per 100; \$40.00 per 1000. Lily of the Valley and Lillium auratum, prices on application. J. M. Thorburn & Co., 36 Cortlandt St., New York.

Russian Valley, per 100, \$2.00; per 1,000, \$15.00; per case of 2,500 pips, \$30.00. Hamburg and Berlin pips, \$10.00 per 1,000; per case, 2,500 pips, \$22.50. Stumpp & Walter Co., 50 Barclay St., New York.

Lil. longiflorum, 5-7, 100, \$2.50; 6-8, 100, \$4.00; 7-9, 100, \$6.50; 9-10, 100, \$11.00. Auratum, Rubrum, Album, etc. Send for list. H. H. Berger & Co., 47 Barclay St., New York.

Lillium Longiflorum, choice 7-9 bulbs, \$5.00 per 100. Spirea Japonica, \$3.00 per 100; Compacta, \$4.50 per 100.
Griffith & Turner Co., Baltimore, Md.

Excelsior Pearl Tuberosa Bulbs and Caladium Esculentum Bulbs for Dec. and Jan. delivery. J. F. Croom & Bro., Magnolia, N. C.

Dicentra spectabilis, \$8.00 per 100. Fine forcing roots. See adv. of Forcing Plants.
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Tuberosa The Pearl, 4 to 6 inches circumference, \$6.50 per 1000 net. Cash.
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Bulbs and Plants for Fall and Spring delivery. C. H. Joosten, Importer, 85 Dey St., N. Y.

Canna Flaminga bulbs, 16 for \$1.00; \$5.50 per 100.
Roney Bros., West Grove, Pa.

Dutch Bulbs in any quantity.
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Gem Calla lily, 2½-in., \$2.50 per 100.
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CACTI.

A fine lot of small plants, suitable to offer as premiums, very cheap. Choice collections supplied at low rates.
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CALADIUMS.

Caladiums, fancy named sorts, large, dry bulbs, ready by November, \$10.00 per 100.
P. J. Berckmans Company, Augusta, Ga.

CANNAS.

Novelties and standard sorts of cannas. Before buying send for our list.
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16 varieties, mixed, single eyes, \$1.00 per 100; \$5.00 per 1000. Morris Floral Co., Morris, Ill.

Send in your order now for a copy of the Florists' Manual.

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Orders booked now in order of receipt for rooted cuttings of the famous Mrs. Thomas W. Lawson, the \$30,000 Queen of Carnations, for spring delivery, commencing Feb. 1, 1900. Prices to the trade only: Per dozen, \$3.00; per 100, \$14.00; per 1000, \$120.00; per 5000, \$500.00; per 10,000, \$300.00. Terms strictly cash or C. O. D. from unknown parties. Address all orders and make all remittances payable to Thos. F. Galvin, 124 Tremont St., Boston, Mass.

Rooted cuttings of the following varieties now ready. Per 100: G. H. Crane, \$6.00; Glacier, Maud Adams, America and Melba, \$4.00; Gomez, \$5.00; Argyle, \$2.00; Empress, Bon Ton, Triumph, Daybreak and Morello, \$1.50.
Morris Floral Co., Morris, Ill.

Support your Carnations with the Model Extension Carnation Support, now regarded as the standard support, and by far the best yet offered. The Model Plant Stake Co., 226 No. 9th St., Brooklyn, N. Y.

Orders booked now for rooted cuttings of Daybreak, McGowan, Silver Spray, Tidal Wave, Meteor, \$6.00 per 1000 and up. Express paid. Write for prices.
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Orders now booked for carnation cuttings for all fancy varieties. All cuttings guaranteed A1. Chicago Carnation Co. Greenhouses and address, Joliet, Ill.

Headquarters for all new and standard varieties. If you want anything write us; information cheerfully given.
H. Weber & Sons, Oakland, Md.

Ethel Crocker. Absolutely the best carnation ever offered the trade. \$10.00 per 100; \$75.00 per 1000. 250 for \$18.75; 25 for \$2.50.
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Rooted cuttings of all the new and leading varieties. Send for prices.
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Novelties and standard sorts of carnations. Before buying send for our list.
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Best new and standard varieties. Write for catalogue and prices.
W. P. Peacock, Atco, N. J.

Mrs. Fisher, rooted cuttings, from soil, \$1.25 per 100.
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New and standard varieties of Carnations.
F. Dorner & Sons Co., Lafayette, Ind.

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CLASSIFIED PLANT ADVERTISEMENTS—CONTINUED.

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Stock plants of Glory of Pacific, Mrs. O. P. Bassett, Pink Ivory, Helen Bloodgood, Georgienne Bramhall, Indiana, Bonnafton, W. R. Smith, at 75 cts per doz.; \$5.00 per 100. Satisfaction guaranteed. Cash with order.
Geo. L. Miller, Newark, O.

Stock plants from bench. Bergmann, Ivory, Pacific, Fitzwygram, Viviani-Morel, Bassett, Robinson, Jones, Bonnafton, Wedding, etc., 50 each, packed light. Order early. Cash.
The Cottage Greenhouses, Litchfield, Ill.

Stock plants of the leading new and standard sorts. Write for prices.
H. Weber & Sons, Oakland, Md.

Headquarters for novelties and standard sorts. Before buying send for our list.
Cottage Gardens, Queens, N. Y.

CINERARIAS.

For Christmas blooming, 2½-in., \$2.00 per 100; 3-in., \$3.00 per 100; large plants in 4-in., \$1.00 per doz.
S. Whitton, 15 Gray Ave., Utica, N. Y.

3½-in. ready for 5's or 6's, fine stock, best strain, \$3.00 per 100.
James Frost, Greenville, Ohio.

Dwarf Cinerarias, Dreers strain, fine plants, 3-in., \$3.00; 2½-in., \$2.00 per 100.
J. S. Bloom, Riegelsville, Pa.

500 cinerarias from 2-in. pots, strong, \$1.50 per 100. Cash please.
H. L. Phelps, Springfield, Ill.

COLEUS.

20 new ones. Doctors Nelson, Anderson, Erickson, Peterson, Stevenson, Osmanson, Emerson, Olson, Johnson, Matterson, Carlson, Wilson, Thomson, Davidson, Siverson, Williamson, Jackson and Knutson, all in 2½-in. pots. The 20 Doctors for \$1.00; \$4.00 per 100. Also 20 of the best standard bedders, named, 2½-in., \$1.50 per 100; \$10.00 per 1000.

Rooted cuttings, 40 varieties, 50c per 100; unrooted, 60 varieties, 25c per 100.
Morris Floral Co., Morris, Ill.

Fancy coleus, rooted cuttings, separate colors, 80c per 100; mixed, 60c per 100.
Greene & Underhill, Watertown, N. Y.

Coleus, rooted cuttings, 50c per 100.
F. R. Thornton, Macomb, Ill.

Rooted cuttings, 50c per 100.
C. Lengenfelder, Elgin, Ill.

CROTONS.

12 finest sorts, color fine, 4-in., \$1.00 per doz.
John H. Ley, Good Hope, D. C.

"The Classified Advs. are a great convenience" is the verdict of the buyers.

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1000 poinsettia blooms for sale; 12 to 15 inches in diameter, \$28.00 per 100. Cash with order. Eugene Murray, 162 Jewett St., Jersey City, N. J.

3000 Poinsettias, grown to single stem, from 18 to 26 inches in diameter. Write for prices.
American Rose Co., Washington, D. C.

Fancy cut smilax in large or small quantities. Orders booked for Christmas.
Geo. L. Miller, Newark, O.

Roses, carnations, paper whites, Romans, smilax.
Geo. A. Kuhl, Pekin, Ill.

CYCLAMEN.

Cyclamen, select, 3-inch, \$12.00 per 100; 4-inch, \$15.00 per 100; 5-inch, \$25.00; extra select, 5-in., ready for 6-inch, \$4.00 per dozen; 6-inch, \$6.00 per dozen; 7-inch, specimens, \$12.00 per dozen.

McKellar & Winterson, 45, 47, 49 Wabash Ave., Chicago.

Cyclamen Giganteum, 4 colors, very fine, 3-in. pots, \$1.00 per doz.; \$7.00 per 100; Mixed, very fine, 3-in. pots, 75c per doz.; \$6.00 per 100. Cyclamen Persicum, mixed, very fine, 3-in. pots, 75c per doz.; \$5.00 per 100. Seawanhaka Greenhouses, Oyster Bay, N. Y.

Cyclamen persicum giganteum. Splendid stock of plants, assorted colors, 3-in., ready for 4-in., \$1.00 per doz.; \$7.00 per 100. Only a few hundred left.

E. C. McFadden, Short Hills, N. J.

Cyclamens, giganteum and persicum, 3-in., \$5.00 per 100.

S. Whitton, 15 Gray Ave., Utica, N. Y.

Cyclamen giganteum, in bud and bloom, 5-in., 20c each. Will exchange for geraniums.
J. S. Bloom, Riegelsville, Pa.

600 Cyclamen pers. giganteum, strong plants in bud and bloom, 4-in. pots, \$14.00 per 100.
Jos. Labo, Joliet, Ill.

Cyclamen giganteum, 3-in., \$6; 4-in., \$10 per 100. Cash. Geo. M. Emmans, Newton, N. J.

Cyclamen, 4 colors, 2½-in., \$5.00 per 100.
N. Smith & Son, Adrian, Mich.

DAHLIAS.

Dahlias by the tens of thousands. Get my catalogue before ordering elsewhere.
W. W. Wilmore, Box 382, Denver, Colo.

Novelties and standard sorts. Send for our list before buying.
Cottage Gardens, Queens, N. Y.

DAISIES.

New giant California white Marguerite and the new golden Marguerite, two of the greatest selling plants of the year, strong 2½-in., \$2.50 per 100; rooted cuttings, \$1.00 per 100.
South Side Floral Co., Springfield, Ill.

Send in your order now for a copy of the Florists' Manual.

DRACAENAS.

15,000 Dracaena indivisa, in 2-in., \$3.00 per 100; \$25.00 per 1000. Florists' Supply Co., No. Tonawanda, N. Y.

Dracaena indivisa, in flats, \$5.00 per 100.
Greene & Underhill, Watertown, N. Y.

FERNS.

	Pot.	Doz.	100.
Cyrtomium Falcatum,	3-in.	\$1.00	\$ 8.00
"	4-in.	2.00	....
"	5-in.	3.00	....
"	6-in.	5.00	....
Blechnum Orientale,	2-in.	.50	4.00
Lomaria Gibba,	4-in.	1.50	12.00
Pteris Serrulata,	2-in.	.50	4.00
Pteris Argyrea,	2-in.	.50	4.00
Pteris Tremula,	2-in.	.50	4.00
Pteris Umbrosa,	6-in.	3.00	20.00
Nephrolepis Exaltata,	4-in.	1.50	12.00
"	5-in.	2.00	....
Nephrolepis Pectinata,	4-in.	1.50	12.00
Nephrolepis Philpensis,	4-in.	1.50	12.00
"	5-in.	2.00	....
Nephrolepis Bostoniensis,	4-in.	2.00	....
"	5-in.	3.00	....
"	6-in.	5.00	....

Geo. Wittbold, 1708 N. Halsted St., Chicago.

Ferns. 30 new and choice sorts, 4-in., \$10.00 per 100; 10 new and choice sorts, 2-in., \$4.00 per 100. Nephrolepis Washingtoniensis, 4-in., \$3.00 per doz. Selaginella Africana, 3-in., 50c per doz. Adiantum hybridum, new, 8-in., \$1.00 each. Ferns from flats, nice little plants for small pots, 10 sorts, 100 free by mail, \$1.25. Adiantum cuneatum, extra large, 4-in., \$10.00 per 100. Careful packing. Cash with order.
John H. Ley, Good Hope, D. C.

Fern Spores. We are headquarters. Extra large pkt. sufficient for 3000 plants, \$1.00, postpaid. Collection of 12 best varieties, each in separate package, \$5.00, postpaid. Cultural directions with each order. Send for prices on Boston Ferns, Farleyense, etc.
E. C. McFadden, Short Hills, N. J.

Boston Ferns. N. Exaltata Bostoniensis, small plants, \$5.00 per 100 to \$40.00 per 1,000; largest size, \$6.00 to \$20.00 per 100; not less than 250 at 1,000 rate.

Wm. A. Bock, No. Cambridge, Mass.

Nephrolepis Washingtoniensis, the giant decorative fern, originated with me. 4 large or 6 small plants sent free by mail for \$1.00. Send for price list for holiday decoration plants.
N. Studer, Anacostia, D. C.

The Boston Fern. A specialty. Specimen plants, cut from bench, for 7, 8 and 10 in. pots, at \$50, \$75 and \$100 per 100. Cash or ref.
L. H. Foster, 45 King St., Dorchester, Mass.

Nephrolepis Exaltata Bostoniensis, the handsomest decorative plant in cultivation, 50c per 100; \$40.00 a 1000. Mine is the genuine stock.
Fred. C. Becker, Cambridge, Mass.

Adiantum cuneatum, select stock, \$6.00 per 100; \$55.00 per 1000. Ready for shipment at once. M. A. Hunt Floral Co., Box 235, Terre Haute, Ind.

Boston ferns and Nephrolepis cordata compacta, 2½-in., \$5.00 per 100. In pans, 50c, 75c, \$1.00, \$1.25 and \$1.50 each. Cash please.
Carl Hagenburger, W. Mentor, Ohio.

Small ferns in choice assortment, out of 2 and 2½-inch pots, \$4.00 per 100. Cash. Geo. A. Rackham, 880 Van Dyke Ave., Detroit, Mich.

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Vredenburg & Co., Rochester, N. Y.

Selaginella denticulata, 2-in., \$2.00 per 100. They are all right for Christmas sales.
E. I. Rawlings, Quakertown, Pa.

400 Pteris serrulata and argyrea, 3-in. pots, all bushy plants, \$3.00 per 100.
Jos. Labo, Joliet, Ill.

Nephrolepis cordata compacta, 2½-in., \$4 per 100. Cash. Geo. M. Emmans, Newton, N. J.

Pteris tremula, 2-in., 50c per doz.; \$4.00 per 100.
C. Lengenfelder, Elgin, Ill.

FORCING PLANTS.

Dicentra spectabilis, fine roots, \$8.00 per 100. Paeonia tenuifolia fl. pl. (See adv. of Paeonias) \$20.00 per 100. Iris florentina, pure white, \$8.00 per 100. Iris Germanica, assorted, \$4.00 per 100. Heuchera sanguinea, fine scarlet, \$10.00 per 100. Heuchera alba (new, rare), \$20.00 per 100.

Thomas Meehan & Sons, Germantown, Pa.

Spiraeas, extra large clumps, per 100, Japonica, \$3.50; compacta, \$5.00; astiboides floribunda, \$5.00; japonica aurea reticulata, \$10.00.

Rhododendrons for forcing, 50c each; \$5.00 per doz. Well budded plants.
Bobbink & Atkins, Rutherford, N. J.

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Winter flowering, 2½-in., \$4.00 per 100; rooted cuttings, \$2.00 per 100.

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The Florists' Manual, by William Scott, is a complete reference book for commercial florists.

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Greene & Underhill, Watertown, N. Y.

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C. Lengenfelder, Elgin, Ill.

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CLASSIFIED PLANT ADVERTISEMENTS—CONTINUED.

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Gardenia Florida, from 3-inch pots, 8-10 inches, branched, \$10.00 per 100.
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Mrs. Parker, 2 1/4-in., \$6.00; Happy Thought, Silver Leaf, 2 1/4-in., \$4.00 per 100. Rooted cuttings, dbl. New Life, Mrs. Parker, dbl. pink silver leaf, \$4.00; Happy Thought, Mrs. Pollock, \$2.00; Freak of Nature, Mrs. \$3.00; Mme. Bruant, \$2.50; Silver Leaf, rose scented, \$1.50; Mme. Sallerol, \$1.25; assorted common, \$1.50; mixed, \$1.25; best varieties, \$2.00 per 100.
Greene & Underhill, Watertown, N. Y.

Twelve of the best varieties of geraniums, but mixed, \$1.50 per 100. From 2-in. pots. Cash with order.
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Novelties and standard sorts of geraniums. Before buying send for our list.
Cottage Gardens, Queens, N. Y.

35 varieties, mixed, labeled true to name, 2 1/2-in., \$1.50 per 100. Cash.
A. Brumley, Birmingham, Iowa.

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Oaks 10,000 Pin, Scarlet, Red, White, Willow leaved, English and Turkey, 4 to 10 ft. Maples, 100,000 Norway, Sugar, Sycamore and Silver Leaved, all sizes. Catalogue on application. Send estimate of wants for prices.
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P. J. Berckmans Company, Augusta, Ga.

Eglantine, the true fragrant sweet briar, Rosa Rubiginosa, 4-5 ft., \$5.00; 2-3 ft., \$3.00; 1-2 ft., \$2.00 per 100. Berberis Thunbergii, \$3.00 to \$7.00 per 100.
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Hardy herbaceous plants only. In any quantity for the least money.
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Heliotrope, rooted cuttings, the best. 75c per 100.
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15 varieties, \$1.00 per 100.
S. D. Brant, Clay Center, Kan.

Rooted cuttings, \$1.00 per 100.
C. Lengenfelder, Elgin, Ill.

HYDRANGEAS.

Otaska and Thos. Hogg, \$10.00 per 100. Extra value, satisfaction guaranteed.
Jackson & Perkins Co., Newark, N. Y.

Hydrangea, pink, 3-in., \$6.00 per 100.
Greene & Underhill, Watertown, N. Y.

MANETTIA.

Manettia bicolor, 2 1/4-in., \$6.00; rooted cuttings, \$2.00 per 100.
Greene & Underhill, Watertown, N. Y.

MUSHROOM SPAWN.

Best English Milltrack, just arrived, \$7.00 per 100 lbs. In 500 lb. lots at \$6.50 per 100.
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In stock for immediate delivery. Fine established potted plants Odont. crispum (Pacho type), and finest hybrids in America. Lists and prices on application. Arnold & Co., Orchidists, 222 St. Mark's Sq., Philadelphia.

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Strong, well established, healthy plants, at \$9.00 per doz. Fern roots of best quality, \$1.00 per barrel.
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Paeonia officinalis rubra plena, \$10.00 per 100; \$1.50 per dozen. This is the true dark crimson variety, the earliest flowering paeonia in existence and the only one good for forcing. Paeonia chinensis, colors mixed, \$8.00 per 100; pure white, \$15.00 per 100; named, 50 plants in 50 distinct varieties, per collection, \$15.00.
Bobbink & Atkins, Rutherford, N. J.

Tree paeonias, in pure white, rose, red and variegated. Should be planted now in pots. Commands high prices for Easter bloom. If desired special directions will be given to insure best success. We offer fine stock, per plant, 65 cts.; per dozen, \$6.00; 25 plants, \$10.00.
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Paeonia tenuifolia fl. pl. The most distinct paeony; flowers before any other, without exception. Feathery foliage, dwarf habit. Flowers bright scarlet. Forces easily. \$20.00 per 100. See bulb adv.
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To close out for want of room, ready for a shift.

	Inch	Pots.	100.	1000.
400 Phoenix Reclinata,	4		3.00	
1000 Phoenix Reclinata,	2		5.00	\$45.00
5000 Pteris Tremula,	2		2.50	20.00
2000 Pteris Ensifolia,	2		2.50	20.00
2000 Pteris Surrulata Max,	2		2.50	20.00
3000 Pteris Longifolia,	2		2.50	20.00
2000 Pteris Surrulata,	2		2.50	20.00
2000 Pteris Surr. Com Nana,	2		3.00	25.00
1000 Pteris Onardia,	2		2.50	20.00
1500 Nep. Bostoniensis,	2 1/2		5.00	40.00
2000 Nep. Cor. Compacta,	2 1/2		4.00	35.00
2000 Nep. Exaltata,	2 1/2		4.00	35.00

Would exchange for 500 Adiantum Cuneatum. Cash with order.
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Fresh crop 1899 seed, guaranteed, Kentia Belmoreana or Forsteriana, 100 a. 60c; 1000 a. \$4.25, including delivery. Sample doz., 20 cts.
H. H. Berger & Co., 47 Barclay St., New York.

WITTBOLD'S OFFER OF PALMS AND OTHER DECORATIVE PLANTS.

Measurements from top of pot to top of tallest leaf.

	Pot	H't.	Char.	Each.	Dox.
	in.	in.	lvs.		
Lantana Borbonica,	2			\$.50	
"	3			1.50	
"	5	18-20	5-8	\$ 1.50	5.00
"	6	18-22	5-7	.75	9.00
"	7	20-24	6-8	1.00	12.00
"	8	23-30	7-8	2.00	24.00
"	8	23-24	7-8	2.50	30.00
"	9	30-35	8-9	3.00	36.00
Cocos Weddelliana,	3	14-18	4-6	.25	2.00
Kentia Belmoreana,	3	5-7	3-4	.25	2.00
"	3	8-10	4-5		2.00
"	5	13-20	5-6	.75	7.50
"	5	13-22	6-7	1.00	12.00
"	6	20-25	5-7	1.50	18.00
"	7	24-28	6-7	2.50	30.00
"	10			8.00	
Kentia Forsteriana,	5	20-24	4-6	.75	7.50
"	5	25-28	4-6	1.00	12.00
"	6	26-30	6-8	1.50	18.00
"	7	35-40	6-8	2.50	30.00
"	10			8.00	
Ficus Elastica,	4	12-14		.25	2.00
"	5	16-18		.50	5.00
"	6			1.00	12.00

	Pot.	H't.	Tiers.	Each	Dox
	in.	in.	lvs.		
Araucaria Excelsa,	3	6-8	2-3	\$.50	\$ 6.00
"	4	10-12	2-3	1.00	10.00
"	5	18-20	3-4	1.25	15.00
"	7	35-38	6-7	2.50	30.00

Dracaena terminalis, 4-inch pots, fine plants, \$3.00 per doz. Dracaena fragrans, fine plants, per doz., 4-inch, \$3.00; 5-inch, \$5.00; 6-inch, \$2.00.

Peperomia Argyreia, per doz., 2-inch, 75 cts; 3-inch, \$1.50; 4-inch, fine plants, \$2.00.
Geo. Wittbold, 1708 N. Halsted St., Chicago.

	Pot	H't.	Char.	Per	Per
	in.	in.	lvs.	100.	1000.
Lantana Borbonica,	4	12-15	2	\$15.00	\$125
"	4	15-18	2-3	20.00	150
"	5	18-20	4-5	25.00	
Phoenix Canariensis,	4	15-18	4-5	15.00	
Seaforthia Elegans,	4	18-20	2	20.00	

P. J. Berckmans Company, Augusta, Ga.

Kentia Belmoreana, very scarce. We have a fine block of bushy little plants in 3-in. pots, about 5 leaves, just right for center piece, \$3.00 per doz.; \$25.00 per 100.

Cocos Weddelliana, our stock cannot be surpassed. Fine stocky plants from 3-in pots, \$2.00 per doz.; \$15.00 per 100. \$140.00 per 1000.
E. C. McFadden, Short Hills, N. J.

Cocos Nucifera, fine large plants, 25c to 40c each. Tillandsia, Orchids, Zamias, Crinum, Agaves, Cannas, Caladiums, Ananassa, Eugenia, Acrostichum, Nephrolepis Exaltata and other stock for sale or exchange for 10,000 callas and fancy caladiums.
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Ficus elastica. Nice, clean, healthy stock, from 5-inch pots, well leaved from pot up, 12 to 24 inches high, \$4.00 a dozen; \$30.00 a 100.
McGregor Bros., Springfield, O.

Pandanus Veitchii, vigorous, shapely plants, each, 6-in., \$1.00; 7-in., \$1.50; 8-in., \$2.00. Discounts on large orders.
J. Welsh Young, Germantown, Pa.

Phoenix reclinata, strong plants from 6-in. pots, \$6.00 per doz. C. Elsiele, 11th & Jefferson Sts. Philadelphia, Pa.

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Bobbink & Atkins, Rutherford, N. J.

Kentia Belmoreana and Forsteriana, 3-in., and Lantana Borbonica, 4-in., 25c each. Cash.
Geo. M. Emmans, Newton, N. J.

Peperomias argyrea and arifolia, 3-in., 50c per doz. John H. Ley, Good Hope, D. C.

"The Classified Advs. bring big returns" is the verdict of the advertisers.

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For Pansy Seed see under heading "Seeds."

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Giant White pansy plants, \$3.00 per 1000. Morris Floral Co., Morris, Ill.

Herr's Pansies, the best strain in the world. A. M. Herr, Lancaster, Pa.

Pansy plants, all sizes, write for prices. Morris Floral Co., Morris, Ill.

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The Queen, 2 1/4-in., \$2.00 per 100. Morris Floral Co., Morris, Ill.

15 best varieties of pelargoniums, \$2.00 per 100. S. D. Brant, Clay Center, Kan.

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PETUNIAS.

Are a good money maker. I have the best mixture in the U. S. to-day, consisting of 10 varieties of Dreers, 2 varieties from Australia, 9 varieties from France, 4 varieties from Germany and 5 varieties from England. The 30 varieties all mixed together in 2 1/4-in. pots at \$2.00 per 100. Morris Floral Co., Morris, Ill.

Henderson's and Dreer's choicest varieties. Extra strong 2-in. pot plants, \$2.00 per 100; \$18.00 per 1000. Extra strong rooted cuttings, \$1.00 per 100; \$8.00 per 1000. South Side Floral Co., Springfield, Ill.

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30 varieties, every one fine, \$1.25 per 100. S. D. Brant, Clay Center, Kan.

Rooted cuttings, \$1.00 per 100. C. Lengenfelder, Elgin, Ill.

PRIMROSES.

Extra fine grown Primula Chinensis, 4-inch, \$10.00 per 100; 5-inch, \$2.00 per dozen; \$15.00 per 100. Baby primrose, 4-inch, \$2.00 per dozen; \$15.00 per 100; 3-inch, \$12.00 per 100. Primula floribunda (new), 4-inch, \$15.00 per 100; 3-inch, \$10.00 per 100. Primula obconica grandiflora, 4-inch, \$12.00 per 100; 5-inch, \$8.00 per dozen. McKellar & Winterson, 45, 47, 49 Wabash Ave., Chicago.

Nice stocky plants of large flowering Chinese Primroses, mixed colors, many of them blooming, out of 4-inch pots, at \$6.00 per 100. Cash with order. M. E. & R. Hoffer, Mount Joy, Pa.

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New Yellow Baby Primrose, \$1.20 per doz.; \$10.00 per 100. Chinese, 2 1/4-in., \$1.50; 3-in., \$3.00; from flats, 75c per 100. Obconica, 2 1/4-in., \$1.50; 3 1/4-in., \$3.00 per 100. Morris Floral Co., Morris, Ill.

Chinese Primrose, finest fringed varieties, 2-in., \$2.00; 2 1/4-in., \$3.00 per 100; 3-in., \$4.00 per 100. Cash. Geo. M. Emmans, Newton, N. J.

Primula Forbesii, blooming plants in 2 1/4-inch pots, \$3.00 per 100. Cash. W. J. Engle, Xenia Ave. and Dover St., Dayton, O.

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In 3 and 3 1/4-in., \$5.00 per 100. E. I. Rawlings, Quakertown, Pa.

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The grand new rose Liberty, most nearly approached by Meteor in color, but far surpassing that standard variety in brilliancy and purity of color, as well as in size; never showing any deformed, black or bull heads either in winter or summer and far surpassing Meteor in freedom of bloom. A remarkable keeper when cut, keeping its brilliancy of color without turning blue or dropping its petals, as is the case with Gen. Jacqueminot, which it somewhat resembles in size and fragrance. Prices are as follows for A1 stock: Own rooted plants in 2 1/4-inch pots, 12 plants, 60c; 25 plants, 50c; 50 plants, 30c; 100 plants, 25c; 1000 plants, 20c each.

Grafted plants in 2 1/4-inch pots: 12 plants, 75c; 25 plants, 60c; 50 plants, 50c; 100 plants, 40c; 1000 plants, 25c each. Satisfactory reference or deposit from all unknown correspondents. Orders coming in after this date can be filled only in April or later, as my stock for March delivery is all sold.

E. G. Asmus, West Hoboken, N. J.
Agents: J. C. Vaughan, Chicago, Ill.; J. N. May, Summit, N. J.; F. R. Pierson Co., Tarrytown-on-Hudson, N. Y.

Wire Rose Stakes. Straight or looped and pointed. Samples and prices on application. The Model Plant Stake Co., 226 No. 9th St., Brooklyn, N. Y.

Crimson Ramblers, extra strong, \$25.00 per 100. Hybrid roses, low budded, \$10.00 per 100; \$75.00 per 1000.

F. W. O. Schmitz, Jersey City, N. J.

American Beauty, Bridesmaid, Perle, Bride, Sunset, Meteor, Morgan, Testout, Mermet, La France, 3, 3 1/2 and 4-inch. A. S. McBean, Lakewood, N. J.

Liberty Rose. We have sole control for the New England states. Edmund M. Wood & Co., Natick, Mass.

1000 Bridesmaid roses, 2 1/4 and 3-in., \$2.50 per 100 to close out. South Side Floral Co., Springfield, Ill.

First rooted cuttings of roses ready for immediate shipment. Geo. A. Kuhl, Pekin, Ill.

Hardy roses in great variety. Ellwanger & Barry, Rochester, N. Y.

Manetti stocks for fall delivery. Hiram T. Jones, Elizabeth, N. J.

SALVIA.

Salvia splendens, 2 1/4-in., \$2.50 per 100; rooted cuttings, \$1.00 per 100. South Side Floral Co., Springfield, Ill.

Salvia, rooted cuttings, \$1.25 per 100. Greene & Underhill, Watertown, N. Y.

SEEDS.

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Our Specialties: Sweet peas, cosmos, hollyhock, verbena, aster, mignonette, etc.; onion, lettuce, celery, carrot, salsify, parsnip, lima beans, salt bush, bromus grass, Bermuda grass, Johnson grass, etc. All California grown. Wholesale only. Perry Watson & Co., Sacramento, Cal.

The Jennings Pansy. All large flowering and of the most brilliant colors. Sure to give satisfaction. \$1.00 per pkt.; \$5.00 per oz. E. B. Jennings, L. B. 254 Southport, Conn.

Sweet Pea and other California grown Flower Seeds ready. H. H. Berger & Co., 47 Barclay St., New York.

Wholesale price list for florists and market gardeners. W. Atlee Burpee & Co., Philadelphia, Pa.

Special seeds for the florist and gardener. Send for wholesale catalogue. Johnson & Stokes, Philadelphia, Pa.

Pansy seed, 2-16 oz., \$1.00; 1 oz., \$4.00. Cash with order. C. Soltau & Co., 190 Grant Ave., Jersey City, N. J.

Cabbage and Cauliflower seed specialist. Francis Brill, Hempstead, L. I., N. Y.

SMILAX.

String your Smilax with Meyer Green Silklane. Send for samples and prices. John C. Meyer & Co., Mfrs. and Wholesalers, 87 Summer St., Boston, Mass.

Extra strong bushy seedlings (sown first of Aug.), fine plants, 50c per 100; \$4.00 per 1000 by mail. South Side Floral Co., Springfield, Ill.

Smilax strings, 6 ft. long and heavy, \$2.00 per doz.; \$15.00 per 100. 50 at 100 rate. Cash. H. P. Owen, Toughkenamon, Pa.

VEGETABLE PLANTS.

Cabbage plants, field grown, 15c per 100; \$1.00 per 1000; if by mail add 10c per 100. Write for prices on large lots for fall planting. Lettuce, Boston Market, Tennis Ball, Curled Simpson and other varieties, field-grown, 15c per 100; \$1.00 per 1000, if by mail add 10c per 100. Parsley, strong plants, \$1.50 per 1000; \$12.50 per 10,000. Cash with order. R. Vincent, Jr. & Son, White Marsh, Md.

VERBENAS.

20th century verbenas, thirty-two grand mammoth varieties, including the new Capt. Dreyfus, Helen Gould, Melba and others. This is the set that will make money for you in 1900. Strong 2-in. pot plants, ready now, \$2.00 per 100; rooted cuttings, 60c per 100; \$5.00 per 1000. South Side Floral Co., Springfield, Ill.

60 finest named varieties, including our new mammoth white, Mrs. McKinley, the finest white verberna grown. Healthy, free from rust. Rooted cuttings, 60c per 100; \$5.00 per 1,000. Plants, \$2.50 per 100; \$20.00 per 1,000. Our list is the choice from millions of seedlings. J. L. Dillon, Bloomsburg, Pa.

We have all the best, plenty of red and pink, 60c per 100; \$5.00 per 1000. S. D. Brant, Clay Center, Kan.

New mammoth verbenas, standard, all colors, 60c per 100; \$5.00 per 1000. F. R. Thornton, Macomb, Ill.

VINCAS.

Vinca maj. var., strong field clumps, \$5.00 per 100. Cash. W. J. Engle, Xenia Ave. and Dover St., Dayton, O.

Major and Var., strong rooted cuttings, \$1.00 per 100. South Side Floral Co., Springfield, Ill.

Vincas, rooted cuttings, \$1.50 per 100; \$12.50 per 1000. In 3-in. pots, \$5.00 per 100. Greene & Underhill, Watertown, N. Y.

Vincas, center of foliage yellow, 2 1/4-in., 50c per doz.; \$3.00 per 100. C. Lengenfelder, Elgin, Ill.

Vinca Var. R. C., by mail, \$1.15 per 100. Cash. Dann & Son, Westfield, N. Y.

Variegated vincas, 2 1/4-in., \$2.00 per 100. Morris Floral Co., Morris, Ill.

VIOLETS.

Single white violets, clumps from open ground, \$5.00 per 100. California, clumps, \$4.00 per 100. C. Eisele, 11th & Jefferson Sts., Philadelphia, Pa.

25,000 fine rooted cuttings, Lady Campbell violets, \$5.00 per 1000. Samples free. Wm. Swayne, Box 226, Kennett Square, Pa.

Princess of Wales, strong plants, \$2.00 per 100. Samples, 10c. Evenden Bros., Williamsport, Pa.

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CLASSIFIED ADVERTISEMENTS—CONTINUED.

MISCELLANEOUS PLANTS.

Feverfew, Little Gem and Golden Leaved, 2 1/4-in., \$1.50 per 100. Mesembryanthemum erectum. Basket Plant and California Moss, rooted cuttings, \$1.00 per 100. Cigar Plant, 2 1/4-in., \$1.50 per 100. Lycopodium dent., 2 1/4-in., \$1.50 per 100. Iresines, 2 colors, 2 1/4-in., \$1.50 per 100. Dusty Miller, 2 1/4-in., \$3.00 per 100. Rooted cuttings of Golden Leaved feverfew, \$1.00 per 100.

Morris Floral Co., Morris, Ill.

Lemon Verbena, \$3.00, \$4.00 and \$6.00 per 100. Impatiens Sultan, 2 1/4-in., \$3.00 per 100. Rooted cuttings: Impatiens Sultan, \$2.00. Fragrant calla, 2 1/2-in., \$1.50; 4-in., \$3.00 per doz. Mignonne, 2-in., \$2.00 per 100.

Greene & Underhill, Watertown, N. Y.

Rooted cuttings of Mesembryanthemums and Gazania grandiflora, \$1.00 per 100. Mountain Villa Conservatories, Box 254, Sharon, Mass.

CUT FLOWER BOXES.

Cut Flower Boxes. Three awards for superiority. Send for illustrated list. Edwards & Docker, 16 & 18 N. 5th St., Philadelphia, Pa.

Florists' Boxes. The J. W. Sefton Mfg. Co., 241-247 S. Jefferson St., Chicago.

DECORATIVE MATERIAL.

Christmas wreathing, good heavy grade, wound on cord, will not pull apart. Bright, fresh, green, per 100 yds., \$3.00. Special rate on large lots. Prompt shipment. Cash with order. Keenan's Seed Store, 6112 Wentworth Ave., Chicago.

Wild Smilax. Case No. 1, \$1.00; No. 2, \$2.00; No. 3, \$3.00; No. 4, \$3.50; No. 5, \$4.00; No. 6, \$4.50. Carefully selected stock, full cases. Write for art catalogue "Evergreens of the Southland."

Caldwell The Woodsman Co., Evergreen, Ala.

Wreathing; 3 sizes, well wound, fresh stock, \$2.75, \$3.50, \$4.50 per 100 yards. Also bouquet green, \$4.50 per 100 lbs. Four through railroads, low rates, prompt service. Cash or reference. Joseph Bancroft & Son, Cedar Falls, Ia.

Cape Flowers, red, pink, purple, lavender, blue, yellow, \$1.25 per lb. Cycas wreaths, cycas leaves, moss wreaths, immortelles, and all florists' supplies.

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Galax leaves and leucothoe sprays. To dealers outside New York state. Choice galax, 40c per 1000; choice leucothoe, \$2.00 per 1000. Special prices to wholesale dealers.

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Galax Leaves, beautiful green and bronze, 50c per 1000. W. H. Williams & Bro., Victoria, Macon Co., N. C.

Needle pines, wild smilax, galax leaves, cut palm leaves, etc. Florida Nat'l Products Co., Orlando, Fla.

Galax leaves, green and bronze. Write the introducer. H. P. Kelsey, 1106 Tremont Bldg., Boston, Mass.

Hardy cut ferns, 75c per 1000. Bouquet green, 5c per lb. Sphagnum moss, 50c per bbl.

Thos. Collins, Hinsdale, Mass.

Hardy cut ferns, \$1.00 per 1000. Discount on larger orders. L. B. Brague, Hinsdale, Mass.

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Write for quotations on your wants to McKellar & Winterson, 45, 47, 49 Wabash Ave., Chicago.

The Florists' Manual, by William Scott, is a complete reference book for commercial florists.

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Jadoo Fibre, a substitute for soil. Jadoo Liquid, the very best fertilizer. Write for printed matter. American Jadoo Co., 817 Fairmount Ave., Philadelphia, Pa.

Bone meal, made for my own use and for other florists who want a good article. Try a bag. Albert M. Herr, Lancaster, Pa.

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The Cefrey Letter Co., 446 Tremont St., Boston, Mass., Chas. L. Razoux, Mgr., Manufacturers of Florists' Letters. The best and most artistic letter on the market. Pat. Jan. 3rd, 1893. Price: 1 1/2 or 2-inch letters, \$1.50 per 100; script letters, \$3.50 per 100. Agents: The Flower Market, Boston; Emil Steffens, New York; McKellar & Winterson, Chicago; H. Bayersdorfer & Co., Philadelphia.

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The Van Reyper Perfect Glaziers' Points. No rights or lefts. Price per box of 1000, 60 cts; by mail, 75 cts; in lots of 5000 by express, 55 cts per 1000. Henry A. Dreer, 714 Chestnut St., Philadelphia, Pa.

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San Jose Scale, Curl Leaf, and other orchard and garden pests can absolutely be controlled by using "U. S. Standard" Caustic Potash Whale Oil Soap, a positive insecticide and fertilizer. Recommended by entomologists, and a guaranteed article. Send for circular and price list. Manufactured only by W. H. Owen, Catawba Island, O.

"Rose Leaf" Extract of Tobacco Insecticide, the best and by far the cheapest all-round insecticide on the market. For sale by seedsmen. For free pamphlet write The Kentucky Tobacco Product Company, Louisville, Ky., successors to Louisville Spirit Cured Tobacco Co.

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Nicomite (patent) Vapor Insecticide. A certain killer of insect pests. Sold by seedsmen. Tobacco Warehousing and Trading Co., Louisville, Ky.

Tobacco stems for florists, \$1.50 per bale of 200 to 250 lbs. Fresh and clean. P. C. Fulweiler & Bro., 927 Sansom St., Phila.

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We manufacture Standard Flower Pots, Lawn and Hanging Vases. We make a light, porous, strong, durable pot that gives satisfaction to all who use it. We invite a trial order. Ionia Pottery Co., Ionia, Mich.

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Standard Flower Pots. If your greenhouses are within 500 miles of the Capitol, write us; we can save you money. W. H. Ernest, 28th and M Sts., N. E., Washington, D. C.

Flower Pots. Before buying write us for prices. Geo. Keller & Son, 361-363 Herndon St. (near Wrightwood Ave.), Chicago.

For the best Plant Tubs, address Mann Bros., 6 Wabash Ave., Chicago.

SPHAGNUM MOSS.

We are headquarters on Sphagnum. Just received several carloads.

Per Bale, \$1.00.

Six Bales, \$5.00.

Ten Bales, \$7.50.

Write for prices on large quantities.

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Sphagnum moss, best quality. Write L. B. Brague, Hinsdale, Mass.

If you read these advs. others would read yours.

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Regulate the temperature in your greenhouses by using Page's electric indicator. It warns you if the temperature goes too high or too low. May save its cost ten times over in one night. Positive guarantee.
The Page Seed Co., Greene, N. Y.

To introduce my alarm safety lounge to every greenhouse man in the U. S., I will, from Dec. 15, 1899, to Feb. 1, 1900, allow a discount of 25 per cent. upon same. Write for particulars. L. Ederer, 30th and Bristol Sts., Omaha, Neb.

WAGON HEATERS.

The Lehman heater is the best. Write for particulars. Lehman Bros., 10 Bond St., New York City, or Jas W. Erringer, 297 Wabash Ave., Chicago.

WIRE WORK.

C. A. Kuehn, 1123 Pine St., St. Louis, Mo., manufacturer of the Patent Wire Clamp Floral Designs. A full line of supplies always on hand. Write for catalogue.

We are Headquarters for Wire Work. McKellar & Winterson, 45, 47, 49 Wabash Ave., Chicago.

Reed & Keller, 122 W. 25th St., New York. Manufacturers of Wire Designs.

SPECIAL HOLIDAY OFFER!!!

Begonia Gloire de Lorraine, 4-inch, 50c each, \$5.00 a doz. Asparagus Plumosus, 4-inch, \$1.50 a doz., \$10.00 a 100. Asparagus Sprengeri, 3½-in., \$1.00 a doz., \$8.00 a 100. Gem Calla Lily, 2½-in., \$2.50 a 100. Canna Flamingo Bulbs, 16 for \$1.00, \$5.50 a 100. All above are extra fine. Carnations for January delivery, also Violets, etc. Terms cash with order. **BONEY BROS., West Grove, Pa.**

Mention The Review when you write.

LOUISVILLE, KY.

At the last meeting of the Kentucky Society of Florists, the following officers were elected for the ensuing year: C. F. Woods, Pres.; T. B. Rudy, Vice-Pres.; Henry Lichtefeld, Rec. Secy.; Joseph Coenen, Fin. Secy.; H. Kunzman, Treas.; Jacob Schulz, Sentinel; Henry Fuchs, trustee. On Tuesday, January 2, the installation of the new officers will take place, and a good attendance is expected.

Business is not very brisk at present and has been quiet all this fall. The prosperity wave has not yet reached our florists. Everything we have to buy is higher, and what we have to sell is lower in price than for years.

Chrysanthemums are about over. Plenty of Romans and P. W. narcissus are coming in, the latter not so good as last year.

Mr. T. B. Rudy raised this summer some of the largest tomatoes ever seen here, some weighing as high as 3¾ lbs. It is a variety that he has improved and that is not yet in the market.

Jacob Schulz and Nanz & Neuner each had a public show of chrysanthemums. Both cut blooms and pot plants were very fine.

Mr. Henry Lichtefeld raised a nice lot of very fine chrysanthemums.

H. Walker & Co., on Fourth avenue, have the conservatories back of their

store filled with a fine lot of palms, ferns and other decorative plants.
KY.

GRAND RAPIDS.

There has been no marked change in the condition of the market since last report. Mums are done and owing to their being past, caused an extra demand on roses and carnations; in fact we have seen no oversupply for some time, and carnations are now up to 2 and 2½ cents on common sorts; fancy a shade higher.

The usual dull weather caused a lull in trade, but as stock is short and Christmas near at hand prices remain very firm all around.

Roses going at \$1 to \$1.25 per doz.; violets, 25 to 30 cents; Romans and paper whites, 50 to 75 cents. All the stores are busy, and shipping trade is at its height.

The season up to now has been the best known in Grand Rapids for years. Crops seem to be off and it looks as if stock would be more than short for Christmas. One thing of note is that there are less blooming plants than usual at this time of year.

Prices are now considered at the top, but at these prices there will not be enough to fill orders. One thing is true, Grand Rapids must base its prices on Chicago, and a look at Chicago notes makes the home growers put on their thinking caps, for Chicago offers more, at wholesale, than the prospects are of our getting at retail.

GEO. F. CRABB.

JOLIET, ILL.—A. R. Starr, the veteran florist, is seriously ill and there is but little hope for his recovery.

WANT ADVERTISEMENTS.

Advertisements under this head 10 cents a line, an average of seven words to the line.

SITUATION WANTED—By reliable, sober young man, as rose or carnation grower, or charge of small place where general stock is grown. Address W., Box 702, Maywood, Ill.

WANTED—A good second-hand hot water heater for poultry house heating. McLenegan Bros., Reading, Pa.

SITUATION WANTED—By competent man who is up to date in decorating and designing and can take care of correspondence and bookkeeping. Address Edward Rayer, care Florists' Review.

WANTED—**STOCK MUMS** in exchange for Dahlias or Forget-me-nots. L. H. Read, Grand Rapids, Wis.

WANTED—At once, two experienced rose growers to take charge of a section of houses; also two experienced carnation growers to take charge of a section of carnation houses; these must be first-class growers and have the best of references; kindly state experience, wages expected, etc. Address Lake View Rose Gardens, Jamestown, N. Y.

SITUATION WANTED—A well educated young grower of roses, carnations and general stock to take charge of commercial place and section; well recommended. Progress, care Florists' Review.

WANTED—A good propagator and grower. Teter Floral Co., Ottumwa, Iowa.

...FOR SALE...

Three greenhouses, 20 x 80 ft. each, in good condition, steam heat. Houses to be taken off the place after spring trade is over. Good stock of plants on hand. Will sell very cheap. Write for particulars.
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Situation Wanted

By a thoroughly practical Gardener and Florist, most successful propagator and grower; capable of making a specialty of anything in the trade; qualified to take the management of laying out new place, the formation of lawns, roads, etc. Good references.

Address A. A., care of Florists' Review.

CABBAGE PLANTS Field grown, 15c per 100, \$1.00 per 1000; if by mail, add 10c per 100. Write for prices on large lots for fall planting.

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Parsley. Strong plants, \$1.50 per 1000. \$12.50 per 10,000.

Other Vegetable plants in season. Cash with order.

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Large Cabbage Palm Leaves, Dried and Cured Palmetto Leaves, also Cured and Pressed Leaves for Prepared Palm purposes. Imported and Domestic Cycas Leaves. Cycas Wreaths, Dyed Moss, Artificial Smilax.

Florida Natural Products Co., Orlando, Fla.

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Eglantine.

THE TRUE FRAGRANT SWEET BRIAR.

1,000 Rosa Rubiginosa, 4 to 5 feet, per 100, \$5.00
1,000 " " 2 to 3 " " 3.00
1,000 " " 1 to 2 " " 2.00
10,000 Berberis Thunbergii, per 100, \$3.00 to 7.00

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TO INTRODUCE

THE ALARM SAFETY LOUNGE

in every city we will offer, from December 15th, 1899, to February 1st, 1900, said Lounge for 25 per cent. less than the usual price. Warranted satisfactory working or money refunded. Send stamp for information. **LUDWIG EDERER,**

Patent Bed Manufacturer, 30th and Bristol Streets, OMAHA, Nebr.

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SELAGINELLA DENTICULATA, 2-inch, per 100, \$2.00.

They are all right for Christmas sales.

Primroses, 3 and 3½-in. pots, \$5.00 per 100.

E. I. RAWLINGS, QUAKERTOWN, PA.

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GREENHOUSE BUILDERS
Hot Water Boilers, Pipes, Fittings,
and Ventilation Apparatus

THE FLORISTS' REVIEW

G. L. GRANT, EDITOR AND MANAGER.

PUBLISHED EVERY THURSDAY BY

THE FLORISTS' PUBLISHING CO.

520-535 Caxton Building, Chicago.

334 Dearborn Street.

Subscription, \$1.00 a year. To Europe, \$2.00. Subscriptions accepted from those in the trade only.

Advertising rates: Per inch, \$1.00; 1/2 page, \$13.50; full page, \$27.00. Discounts: 6 times, 5 per cent; 13 times, 10 per cent; 26 times, 20 per cent; 52 times, 30 per cent. Discounts allowed only on consecutive insertions. Only strictly trade advertising accepted. Advertisements must reach us by Tuesday to insure insertion in the issue of the following Thursday.

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THE Missouri Botanical Garden has issued its tenth announcement concerning garden pupils. Applications for scholarships, or inquiries concerning admission to the garden as pupils, should be addressed to William Trelease, Director Missouri Botanical Garden, St. Louis, Mo.

"Nicomite" (Patent) VAPOR Insecticide Powder.

No labor required. Harmless to bloom and foliage. A certain killer of Red Spider, Green Fly, and all other insect pests. Ask your Seedsman for it. THE TOBACCO WAREHOUSING AND TRADING CO., Louisville, Ky.

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Lehman's Wagon Heaters

NO DANGER OF FIRE.
NO GASES TO INJURE PLANTS.
NO ODOR. NO SMOKE. NO DIRT

Over 125,000 in actual use
every winter by Florists, etc.

Send for Descriptive Circular and Price List.

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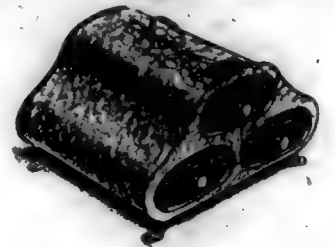
10 Bond Street, NEW YORK.

JAS. W. ERRINGER,

Gen. Western Sales Agent,

297 Wabash Ave. CHICAGO, ILL.

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Will Protect Plants
from freezing in
the coldest weather
at the cost of
one-half cent per
hour.

Hot-Bed
Sash.

Tenons white-leaded. Corners secured with iron dowel pins. Every detail of construction perfect. Made of Clear Cypress Lumber.

Quick Shipments.

We have in stock and can ship immediately:

3 ft. x 6 ft., 3 rows, 10 in. glass.
3 ft. 3 in. x 6 ft., 4 " 8 in. "
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Not glazed, 1 1/4 in. thick.

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Quoted on application. State size and quantity wanted. No order too small to receive careful attention, and none too large for our facilities.

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PIPES, FITTINGS AND VENTILATING APPARATUS
Send Four Cent Circular Catalogue GREENHOUSE HEATING

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... PRINTING HOUSE ...

Nursery Seed and Florists' Catalogues

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The practical leaders to correct order taking in hurried hours. Single sample free.

Pad of 100 sheets, mailed for 24 cents in stamps.
Ten Pads (1000 sheets), by express, \$1.75.

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GOLD FISH and
AQUARIUM SUPPLIES.KEENAN'S
SEED
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Wentworth Avenue,
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Greenhouse
Material

Of Clear Louisiana
Cypress and
California Red Cedar

BEST GRADES.

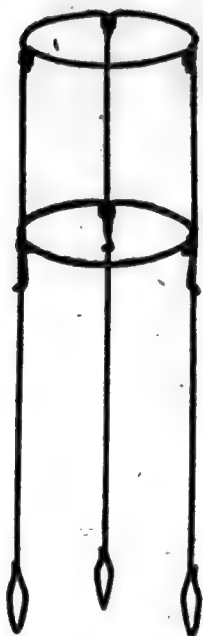
PERFECT WORKMANSHIP.

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615 to 621 Sheffield Ave., CHICAGO, ILL.

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Lancaster, Pa., June 17, 1899
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Brooklyn, N. Y.

Dear Sir:—Your Model Carnation Support is all right in every way and will no doubt be considered as necessary as good plants with growers when better known. I consider it the best on the market, and if your other specialties are equally as good, they should make another addition to the money-makers of 1900.

Respectfully,
ALBERT M. HERR.

Flatbush, Brooklyn, N. Y.,
Feb. 18, 1897

MR. THERON PARKER,

Dear Sir:—Your wire stake is certainly a gem. Without hesitating we endorse it as an up-to-date Carnation Support.

Yours truly,
DAILEDLOUZE BROS.

W. Hoboken, N. J., Feb. 18, 1897.

MR. THERON PARKER,

Dear Sir:—It gives me much pleasure to congratulate you upon your success in getting up carnation supports. I think that those I have had from you are about as perfect as anybody will be able to make them. They certainly fill my bill for an ideal carnation support, a thing I have been looking for a long time. Wishing you every success in the sale of them, I am,
Yours truly, E. ASMUS.

Straight Galvanized Steel Rose Stakes

At Lowest Prices.

Write for Prices, Circulars and Special Discounts for early orders.

The Model Plant Stake Co.

THERON PARKER, Mgr, Inventor and Patentee,
226 North 9th Street, BROOKLYN, N. Y.
Mention The Review when you write.

NEW TOURIST SLEEPING CAR LINE TO BOSTON VIA THE WABASH.

December 14 the Wabash inaugurated a weekly line of tourist sleepers between Chicago and Boston. The tourist sleeper will leave Chicago every Thursday at 12:02 noon on the famous Continental Limited and arrive Boston 5:50 Friday evening. Berth rate, Chicago to Boston, \$2.00. Berths reserved in advance.

Ticket Office, 97 Adams St., Chicago.

GRAND TRUNK CANADIAN EXCURSIONS.

Low rates! First class service! Long visit!

Tickets good leaving Chicago Dec. 14, 15, 16 and 17, and for return from destination until Jan. 6, 1900. Full particulars at City Ticket Office, No. 249 Clark St., cor. Jackson. Telephone H. 1757 or at Dearborn Station.

UNADILLA, N. Y.—N. H. Padgett has just completed a new propagating house, 30x18. It is even span with potting shed under one-half of the building.

STEVENS POINT, WIS.—The rose and carnation houses of A. V. Broome & Co., containing 5,000 square feet of glass, were destroyed by fire November 28. Loss, including stock, \$3,600. Insurance of \$750. The houses were new, having been erected last July.

THE FLORISTS' MANUAL

By WILLIAM SCOTT.

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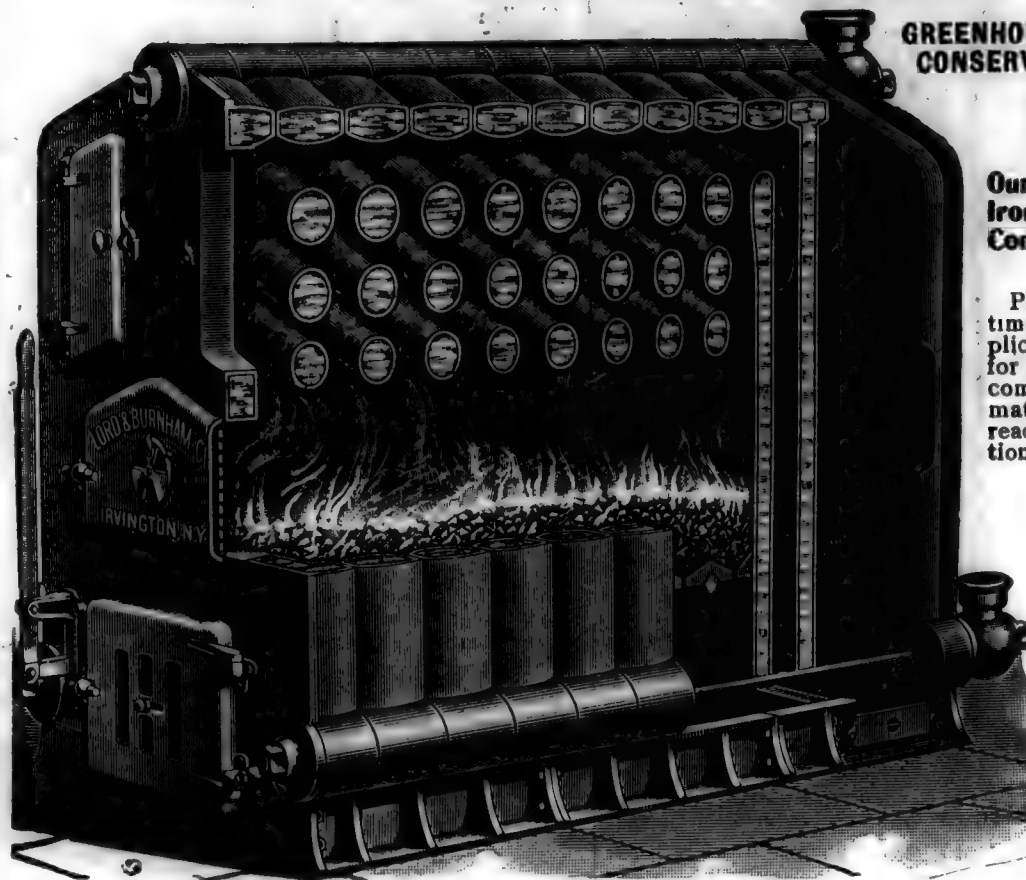
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Vol. V.

CHICAGO AND NEW YORK, DECEMBER 21, 1899.

No. 108.

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Christmas Suggestions.

A Merry Christmas and a better New Year to all. We hope all of you have had a fair share of orders and that business has been better than in recent years. Florists richly deserve whatever success they can wring out of trade, for theirs is largely a life of speculation and anxiety, handling the most perishable of goods, dealing with the most exacting parts in human nature. Yes, boys and girls, some there are who think all in it is gold and sunshine, but we ourselves know there is lots of misery and hard work.

Christmas is mostly an awe inspiring event in floriculture. It is a tug of war for existence with many a florist. The public begrudge him his due, aye, even the grower considers that the retailer is getting the best of him at Christmas.

We were just thinking what a vast change has come over our business, anyhow. Up to a very few years ago every one used to work days and nights for weeks before Christmas getting greens ready, preparing boxes and baskets, and clearing the decks for the great rush. Everyone would surely have to work all night Christmas Eve. Nowadays there are scarcely any preparations made at all, and very few have to work all night. Four or five hundred boxes of flowers used to be a feature in the Broadway stores then, but now 'tis rarely if ever the case. Yet the volume of business is forever increasing; many do not see it so, because it is scattered.

Even at this late date we are not able to say what this year's trade will be. Weather has been against cut flowers, though good for plants. The general feeling is for a very good business. Prices will not differ very much from other years, unless they be a shade lower. Good Beauties will, as usual, be scarce, and will probably retail at from \$18 to \$24 per dozen—that is, for top grades; others, of course, will run from these figures down to \$5. No Hybrid Perpetuals are on the market, which fact is to be regretted. Meteors come next, and the finest of these will sell at from \$6 to \$10; Brides, Bridesmaids, Morgans, Testouts and Victorias will

bring \$5, a few \$6, most of them \$4 to \$3. Of carnations, ordinary ones will be plentiful and will be sold for from \$1 per dozen up; fancy varieties will be popular and good prices will be asked—that is, from \$2.50 up to \$5. There will not be much of a raise in bulbous stock; narcissus \$1 per doz.; valley, from \$1.50 to \$2.50 per bunch of 25; Romans, 75 cents per doz.; violets will be the most unsatisfactory flower—yes, more so than ever this time; there are a quantity of good ones, but not sufficient to go 'round. This will hurt the violet, for the most ardent lover of that flower grumbles if asked to pay more than \$5 per 100, even for the best. They will run from that to \$3. Harrisii is expected to bring about \$5 per doz. Mignonette is grown in too many sizes to fix a price on, but the big spikes will sell at \$2 to \$4. Poinsettias are of many grades in quality and can be sold from 35 cents to 75 cents each; Eucharis amazonica, \$5 per doz.; sweet peas, \$1.50 per bunch of 25; gardenias, 75 cents to \$1.25 each; Japan quince, \$1 to \$1.50 per branch; Cypripedium insigne, \$4 per doz, fancy varieties, \$5; other flowers at prices quoted last week.

Every retailer knows or should know that prices are largely a question of circumstance; the higher prices can only be gotten for very superior grades of stock and from the high class trade. There are many who will sell—aye, be compelled to sell—for very little higher prices than they themselves paid for the stock, and in some cases this has to be done in the grandest of stores and to the richest of people. Every storekeeper has more or less trouble to put up with; none entirely escapes the suspicion of being an extortionist.

If there is anything we can put up a price on, it is either quality of work or novelties; with novelties of course are included rare or very scarce flowers. Take, for instance, a pretty bunch of sweet peas, clover, quince, lilac, cherry, extra fine orchids, or any such flowers; you are justified in demanding good big prices for such stock, just the same as other lines of business ask fancy figures for exclusive patterns or designs. Whilst almost any kind of flowers are accept-

able to the recipients on Christmas morning, still it is not always safe to do as we please, throw anything into a box and fire it out; if we do so we either lose that customer or hear unpleasant things from them.

There are many who expect the best from you, even if the sender refused to pay the price, and these very same senders know that you dare not send this particular person anything but your best; in such cases it is always best to either substitute or send less in quantity but more in quality.

Delivery of goods is a mighty important matter. Don't pick up any badly dressed slob; get the neatest and most intelligent messengers you can and compel them to carry the flowers carefully. All your "fixin's" can be spoiled by one rude shake of the box.

When arranging flowers in a box or tying them into a bunch, use as much care as possible in the matter of harmony. Of course you can use considerable latitude in the case of what are called spring flowers. The following are a few combinations which go well: Scott carnations and yellow daisies; cypripediums, mignonettes and Meteors; valley and forget-me-not; or valley and sweet peas; Testouts or La France and white lilac; Beauties and lilies; Meteors and jessamine; pink, yellow, and crimson carnations. Most perfect flowers will look best by themselves. A bunch of valley is permissible in almost any box of flowers. Care should be taken not to have white in the majority where flowers are sent to a sick person.

Cut the ends of all bunched stock. They will look fresher, and be careful what kind of string they are tied with. Bunches of flowers such as valley, myosotis, sweet peas, etc., will look all the better if wrapped cornerwise-end-open in white or tinted paper and tied with No. 1 ribbon of the same color; this is, of course, for special boxes. Many special boxes are this Christmas being tied with silk ribbon, spray of holly or mistletoe in the bow. New Year's Day, which used to be even better than Christmas, is now no better than an average good Saturday to the trade. Remember, suitable greens in a box is a great help when flowers are scarce. Cut some Boston ferns for the big ones, such as lilies, etc. IVERA.

TOBACCO ASHES.

Would the ashes from burned tobacco stems be beneficial as a top dressing between bench roses? Would they be good for carnations?

Which method is best to sweeten soil on rose benches—lime water or a sprinkling of air-slaked lime?

ENQUIRER.

Have never used tobacco ashes as a top dressing, but believe it would be beneficial if not overdone. There is nothing injurious in tobacco. Have seen the decayed stems plowed in as manure and productive of fine crops.

If the rose bed is troubled with worms to the extent that they are injuring the roses, then a watering with lime water would most quickly rid the soil of them. A lump of lime, say 2 lbs., dissolved in 50 gallons of water, will fix the worms.

If it is not worms that are troubling the bed, but the surface of the bed gets dirty, then a sprinkling of air-slaked lime just sufficient to whiten the surface will be of benefit and not the slightest harm to the roses.

WM. SCOTT.

COLD vs. WARM WATER.

A note by Professor Craig, in the issue of December 7, discussing the influence of cold water on the growth of plants, prompts me to give a brief review of the work done at the Wisconsin station, that readers of The Review may be better able to compare results.

A variety of plants were watered with ice water—among others, beans, tomatoes, coleus, geraniums, and begonias. Similar plants were watered with water at 50 deg., at 70 deg., and at 100 deg. After trials covering two years, it was concluded that:

1. Water at as nearly the freezing point as was possible to obtain produced short jointed and stocky plants, but in no case affected the health or vigor of the plants. Coleus plants so treated were excellent in every respect, with well developed colors and healthy foliage.

2. There was no discernible difference between the plants of coleus, geraniums, etc., watered with water at 50 deg., and at 70 deg., but in the case of the vegetables a slight difference was noted in the yields.

3. Water at 100 deg. in many cases caused a rather spindling growth in the case of the coleus, etc., but affected the yield of the tomatoes, etc., but little.

The above refers to plants grown in pots and raised on benches. Similar results were obtained with plants in solid beds and in the open ground.

I fail to note that the results differ greatly from those obtained at the Iowa Experiment Station, except in the case of coleus. One point cited by Professor Craig is worthy of careful consideration by every greenhouse man, viz.: "There was practically no difference in the results secured by the use of water between 45 deg. and 75 deg." Similar results were obtained at the Wisconsin station.

This is really the important point, and the one that affects the florist. It is not expected that florists will use water at 34 deg. nor at 100 deg.; These points were selected, in our work here, as the extremes, with intermediate temperatures that more nearly represent the temperature of water used in greenhouses.

If the temperature of water available for use in the greenhouse is 45 deg., will it pay to put in an expensive tempering apparatus to raise it to 75 deg.? In the light of our present knowledge of the subject, it is rea-

sonably safe to say that money might be expended more profitably in other directions.

FREDERIC CRANEFIELD.

AMERICAN ROSE SOCIETY.

The preliminary list of premiums to be awarded at the first exhibition of the American Rose Society, to be held at the Eden Musee, New York city, March 27, 28 and 29, 1900, has been issued. It is certainly a very liberal prize list and should bring out a fine display. Class A is open to all, and liberal first and second prizes are offered in 31 named sorts, 25 blooms of each. Class B covers about the same varieties, but only 12 blooms are called for and competition is limited to those having not more than 20,000 feet of glass devoted to the culture of roses. Class C takes in pretty much the same sorts, but is open to private gardeners and amateurs only.

Class D calls for 16 sorts of hybrid perpetuals, and is open to all, 12 blooms each and two prizes in each case, and there are liberal special premiums for 50 distinct named varieties one of a kind; 20 varieties one of a kind; and collection named varieties, 12 blooms of each. Class E also covers hybrid perpetuals, but is open to private gardeners and amateurs only, as are also Class F, devoted to pot plants. Class H is devoted to standard roses; and Class I devoted to climbing roses in pots. Class G covers climbing roses in pots and is open to all.

Class J provides for the award of certificates to new varieties not yet in commerce and of cash prizes to blooms of varieties of recent introduction. Class K contains eight splendid special prizes for blooms of various sorts, and it is stated that additions to this class will be announced later.

Copies of the list may be had by addressing Paul M. Pierson, Secretary, Scarborough, N. Y.

Announcement is also made of another exhibition of roses to be held in New York next June.

GOVERNMENT SEEDS.

Secretary Wilson is giving the proper turn to the free seed distribution carried on by the government through his department. In a recent interview he said:

"Congressmen can never be convinced that it is not for the good of the country for them to distribute free seeds. No, you will never abolish free seed distribution; but I will tell you what can be done. The distribution of a new seed which will be of actual benefit to the farmer for an experiment can be substituted in place of sending him a package of breakfast radishes every year. There is not a farming section in the United States that knows it all—that cannot be improved by the introduction of new crops; but it will be a gradual matter to get farmers and congressmen to look at the matter in this light

and to substitute free good seed for common ones. I tried to get some of the Virginia members to send out *Vicia villosa* seeds last year; they wouldn't touch it. I sent out some to Virginia farmers and they are delighted with it as a forage, feeding on it way up into the winter. Next year Virginia congressmen will get demands for *Vicia villosa*.

"This sort of plan would be a scientific distribution of seeds. We could send Turkestan alfalfa all through the northwest where the ordinary alfalfa winter kills. We have found a rice in Japan which may mean millions of dollars to the south; we will find crops for the rich, moist savanna country and we will find crops for the arid, sandy stretches. But yet congress has never yet directly appropriated a cent for this work, and we have to shave and pare to make seed distribution a thing of benefit to the country."

The sort of distribution advocated by Secretary Wilson is only what was contemplated by the law that first authorized free distribution. If he can succeed in carrying out the law as intended by its framers and prevent its further distortion by congress, the seed trade will make no complaint and free seed distribution will be of some real value to the farmers of the country.

FLOWER SHOWS.

Can a flower show be made to pay on its merits from the box office standpoint? We are pretty well convinced that it cannot where a heavy rental has to be paid in addition to the premiums and other expenses. But flower shows can be given, and the heavy expenses provided for if the right people are interested.

It is, however, very difficult for a purely trade organization to secure the financial assistance necessary. This is much more easily obtained by a society officered and controlled by men who are merely lovers of flowers and without any trade associations. In such societies the major part of the work must still be done by those in the trade, but the powerful assistance of men of wealth is brought to bear upon the financial problem which in purely trade organizations is so difficult to solve.

A horticultural society with a large membership would be the ideal solution of the question. The principal attraction to possible members would be the annual free pass to the exhibitions, and with a membership sufficiently large the importance of fair weather during the exhibition week would be considerably lessened. In other words, the management has sold a large number of season tickets for which the money is already in the treasury regardless of what the weather may be.

If the right people are interested at the start it is comparatively easy to secure the co-operation of others. Many will contribute liberally to the



Range of Rose Houses of Mr. George H. Trendley, Rowayton, Conn. Erected by Hitchings & Co., New York.

support of an exhibition of flowers if they are convinced that they are doing something purely for the advancement of good taste and that will reflect credit upon their city. Such will respond liberally to the requests of men whom they know to be entirely disinterested, while they would pay little attention to representatives of a purely trade organization.

ARE FLOWER SHOWS BENEFICIAL TO FLORISTS?

[Read before the Chicago Florists' Club, Dec. 1, by Edgar Sanders.]

I propose to take the broad ground that flower shows are beneficial to every florist in the city. I know there are some who will dispute the proposition; if he is present let him be heard. Nay, I go further, and assert that every display of flowers, in the parks, in the gardens, in the florists' stores, aye even in the streets, tends to encourage the use of flowers and create a demand therefor.

If this is so, why are not these displays beneficial to everybody in the trade? What we want is more buyers. The grower as first hand, the wholesaler as second, and the retailer as third distributor, needs no extra push nowadays to start or enter into the florist's business, nor ever did in my experience. He may, as to the best way after starting, to make a success of it.

After fully half a century of connection with flower shows myself in one form or another, it's an enigma to me to find so few florists of this city lending them a helping hand. Not a few seem actually indifferent whether

they visit them at all, except they can get in for nothing. Why, out of easily 500 in the trade in this city, not 100 belong to either the Horticultural Society or the Florists' Club, which to my mind tells a strange story.

If my assertion is correct, that shows are an educator of the masses to love flowers, they should be encouraged in every way by those making a living from the sale of all horticultural products, which you see takes in all kinds, from state and county fairs, exhibits at horticultural and florists' societies' monthly meetings, up to the grand yearly fall show of flowers. Suppose for a moment, in your estimation, a good many of the exhibits are rather tame affairs. Do your share to improve them.

Surely none will dispute, if a flower show, in whatever form, encourages a taste for flowers, and causes more to be used, the grower can have no kick coming. Has it not been a fact that at every one of our fall shows prices for all good stock rises during that week, however dull the trade has been before? This being so, we opine the wholesale man is equally benefited, as he gets bigger commissions by the booming of his trade.

The retail man, taking him in all his varied phases, may possibly kick at anything that tends to increase the prices of the flowers he wants to buy. But low prices and gluts are the bane of the business, bad for everybody but the fakir. We will leave him to fight his own battles. He after all flourishes mainly through overproduction. If the growers cannot, or will not, adjust supplies to demand, which,

after all, controls prices, there is bound to be trouble, as there is at times in everything obtained from the field and garden.

High or fancy prices long continued is not a favorable condition of the market in the long run, any more than gluts and ruinous prices. If periodical gluts must come, you will have either to destroy enough flowers to bring an equilibrium, either at the greenhouses or in the commission house, or put up with these gentry one hears of so much, but who in the time of low prices get rid of as many flowers as those we are accustomed to call legitimate florists.

I claim if a florist in any of the divisions feels like aspiring to the top of his calling, he had better weigh well any thought he may have that he can afford to give societies and flower shows the cold shoulder. The grower needs the stimulus that a competitive exhibit of his stock against that of his neighbors may give him. It may take down a little of the conceit that he alone has the best that is going.

Will you, for example, you retail men, for a moment cast your thoughts back during the shows in this city during the past ten years and note the names, for example, of the prize winners, say of decorative materials, tables, mantels, etc.? Would not the story tell who commanded the cream of the trade of the time? Yes, there is surely danger in your standing aloof. The public, your customers, will be apt to be impressed by what they see. Consider the old adage—"To him that hath shall be given."

I have not touched on the advanta-

ges of flower shows in encouraging new productions in the way of plants and flowers. Something new and fashionable to strike the public fancy is what all progressive florists should aim at. Strike out for something novel and taking, and once obtained push it for all it is worth. Most successful men find great help from new things. Set your wits to work that you may also for a time enjoy the monopoly of something or other.

In conclusion, to me a florist who sees nothing helpful in flower shows reminds me of a Niagara Falls story I heard the other day. A Canadian police officer tells it something like this: "A Pennsylvania Dutchman hove in the other day and asked the officials at the Falls if there was anything about the place worth seeing. 'You see,' he said, 'it's shust like dis. My frients and frau told me I should take id in and I vant to take everyting in der iss to zee. Dey say dere vas someding great here und I forgot id alreatty, and haf walked all ofer und zee noddings.' The visitor was at once taken to the finest view of the Falls, where he stood a few minutes looking. 'Well,' said his conductor at last. 'Vell,' returned the man. 'Don't you see the Falls?' 'Vat, dot vater falling? Iss dot vat I coom all dis vays to zee—a liddle vater dripping? Jiminy, I go me home.'

Let me suggest we want a higher tone in this florists' business all round this city. We want a reading, thinking body of men, not mere machines, that are content to plod on in a humdrum way. Let us have progressive men, and they will patronize our societies and take a deep interest in everything connected with their calling.

CHICAGO.

The Market.

The outlook for Christmas supply has improved somewhat since our last report. Several sunny days promise to materially improve the quantity and quality of roses and carnations. Except as to Beauties, rose orders will probably be fairly well filled. The demand has been strong and a very large number of advance orders have been booked.

Kennicott Bros. Co. will have a large cut of Klehm's Gontiers and say that customers must not be surprised if these are sent in place of Meteors. They look for a fair supply of everything except Beauties. They are receiving some very fine valley from E. G. Asmus. Mr. Pieser reports a sale of 3,000 P. W. narcissus to one party at \$3 a hundred, which was a great help, as this stock has been moving rather slowly.

Mr. Spencer, of Reinberg Bros., says he anticipates a fair supply of everything except Beauties.

McKellar & Winterson take a favorable view of the outlook for Christmas supply. Among their Christmas specialties will be a splendid lot of

poinsettias. They are already selling quite a number, and those already received are certainly of extra fine quality. And they will have 3,000 of these for Christmas in addition to a large supply of the usual run of flowers. This firm has been doing an enormous business in green, holly and other Christmas goods. They have been handling the "winter berry" in quantity and have sold over 50 cases to one local retailer.

Bassett & Washburn say they will have a good crop of tea roses and carnations, but will be short of Beauties. They have booked a very large number of advance orders and say the proportion of highest grade stock called for is notably large.

E. H. Hunt looks for a fair supply, but large advance orders will take it all. He reports a splendid trade in green and holiday supplies.

Various Items.

Mr. E. C. Amling has leased the large basement floor of the Trude Building, 32 to 36 Randolph St., and will remove to this location about January 1. Here he will have a space 70x80 feet, with remarkably handsome finish, including marble wainscoting, mosaic floor, modern plumbing, handsomely fitted toilet rooms, etc. The fittings will be entirely new throughout and an ice box 8x14 is now being built. The light is good, extending the full length of the Wabash Ave. side of the building. Mr. Heffron has planned the arrangement of the fixtures admirably, and when completed this will certainly be a strikingly handsome and convenient wholesale cut flower establishment, as well as an unusually large one. Mr. Amling's business has been growing with great rapidity and a move to larger quarters was imperative. He will now have abundant room for further expansion.

The firm of Reinberg Bros. has been dissolved by mutual consent, to take effect January 1, and thereafter each of the two brothers will have his own city salesroom. Peter Reinberg will retain the present quarters and George Reinberg will take the place now occupied by E. C. Amling, having purchased the latter's lease and fixtures. Thus the brothers will still be on the same floor and as close together as possible. The old quarters had become too small for the two. The partnership really extended only to the city salesroom, the greenhouse establishments at Summerdale having always been managed as separate concerns. Archie Spencer will continue in charge of the present salesroom for Mr. Peter Reinberg, and Robert Northam, one of Mr. Spencer's present assistants, will manage Mr. George Reinberg's new salesroom.

Mr. E. F. Winterson moved into his new house recently and to celebrate the event invited a lot of his friends to a berry party. The berries were in the decorations on the table and around the room and were of the "Winter"-son variety. Thirty-six pickers sat down to the table and berried

within themselves a most enjoyable dinner, including an English plum pudding of aldermanic proportions. The club quartette did its duty royally and there was instrumental music, too. Mr. Winterson never does things by halves and all present enjoyed themselves most heartily. The berry party in December was voted a decided success.

The bowling team played its first league games last Friday evening and, not wishing to hurt the feelings of the members of the opposing team, allowed them to win each of the three games.

A. C. Kohlbrand has taken a position with Mosconosotes.

BUFFALO.

Outlook for Christmas.

From present outlook Christmas trade will be good. There is at this writing more inquiry for decorative material than we ever remember. Metropolitan florists may disdain to deal in holly, but we have to. The flower growers need not complain that plants have taken the place of their product for they will be sure to sell all they have and at most excellent prices. Still it will be a great plant time and Buffalo is well supplied with good plants of the leading kinds.

We are awfully glad to see that the poinsettia will be in good demand, for then we shall be strictly in it. The fancy basket filled with plants is very attractive, but it is slightly above our rank and not lasting enough. A good palm or dracaena is preferred when money is plentiful.

Some Decorations.

There is a decided increase in social events over the past five or six years. An elaborate and costly decoration at the Twentieth Century Club was lately done by W. J. Palmer & Son. An immense amount of wild smilax and wreathing was used and one item was 100 fine poinsettia plants. The following day a very swell dance called for some more fine decorations. White azaleas and yellow chrysanthemums were the feature in the reception room and green and scarlet in the ballroom. Laurel, sweet bays, Boston ferns, holly and poinsettias filled the bill.

A dinner at the Buffalo Club deserves mention, for although the work of W. S. it was a little out of the common. The round table was 20 feet in diameter, seating thirty men. From the lofty ceiling over the center of the table ran strings of ground pine (100 of them), and extending to five feet outside the table, eight feet from the ground, and then dropping four feet, so the table and guests were inside a circus tent of green. In center of table was a mass of poinsettias five feet in diameter and not over fourteen inches high; this took 100 4-inch plants. Three feet from the center bed and at intervals of three to four feet were stood 10-inch pans of poinsettia, in which were six plants not over twelve inches high.

All unoccupied space was covered

with holly sprays, and the only part of the tablecloth visible was a margin of two feet around the edge of the table. There were no orchids or American Beauties. It was simple but most effective. And Admiral Sampson and Capt. Chadwick and the other twenty-eight diners thought it was just right. I forgot to say that an 8-foot ring six feet above the table was studded with electric lights. Everybody could see everybody else's top vest button across the table, and that is what they wanted.

We have had all kinds of weather within a week and the change is going on hourly, so we don't know what to expect. Good sleighing, bright weather, and not too cold, would best agree with our wishes.

The Carnation Convention.

We are awaking to the fact that on the 15th and 16th of February our city will see the greatest display of carnations that the world has ever seen, at least since the flood. And with them will come the men celebrated in their culture. Yesterday a commodious hall was secured for their reception. It is in the center of the city, on Main street, and large and light. There will be the need of placing "The Marquis" so near "Ethel Crocker" and "Genevieve Lord" that flirtations will occur, and Olympia can show broadside without being annoyed with smaller craft.

There is also a most convenient ante-room where Mr. W. N. Rudd can call together the faithful members of his noble (?) auxiliary society, which I don't believe has had a genuine good meeting of the faithful since Philadelphia last February. There has been a pretense at reunions, but the president, vice-president, secretary, treasurer and board of lady managers was absent.

W. S.

LATE CHRYSANTHEMUM.

We present herewith an engraving from a photograph of the new late pink chrysanthemum Miss Florence E. Denzer, which originated with Mr. Ant. C. Zvolanek, West Hoboken, N. J.

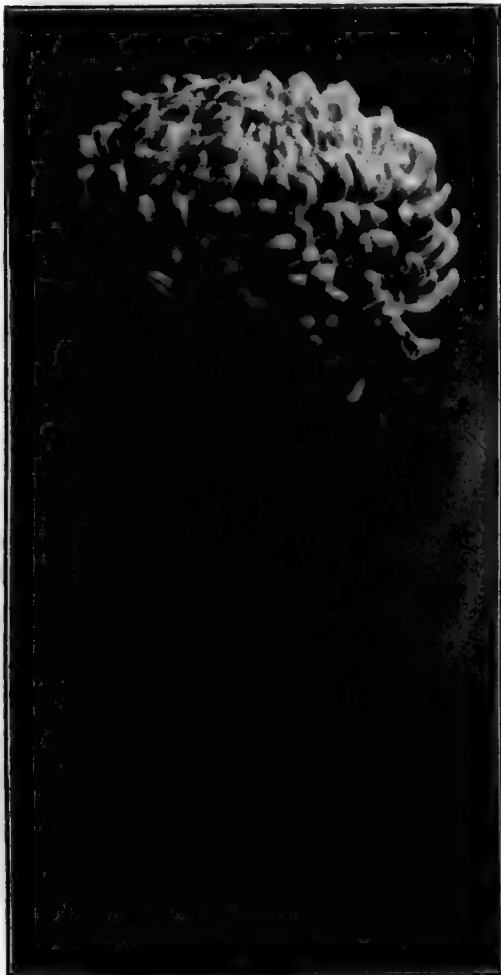
It is a clear pink, in shape and size similar to Ivory, with narrow, dark green foliage and a stiff stem three feet long. It blooms at Christmas.

ORANGE, N. J.

"Ancient and Modern Floral Art" was the title selected by Mr. James I. Donlan for his talk before the New Jersey Floricultural Society on Wednesday, Dec. 6. He attacked it with his usual energy and held his hearers spellbound until nearly midnight. When he entered the room, accompanied by numerous parcels of all sizes, one of the members thought it was a distribution of Christmas gifts and changed to a front seat, so as to be on hand.

He seemed to have the wand of an enchanter; his agile fingers worked as he talked, while with the same elements he produced wreath, garland or bouquet. Nine years ago, said Mr. Don-

lan, a man came to me and asked why he could not find as large carnations here as in London. "We have them," was the reply, and as he talked the speaker selected three Lizzie McGowans which, with a quick movement, he deprived of calyx and seed vessel and, mingling the petals with another quick move, he deftly wound a wire around the whole, making one fine, large carnation—a model boutonniere. "Why do you do that?" asked an under gardener, and for once the speaker left the realm of fancy and became the commercial florist, as he



New Late Pink Chrysanthemum Miss Florence E. Denzer.

replied, "Because it's better to get twenty-five cents for this than five cents for those others. In making up the bouquet, avoid regularity; that is not floral art, and a few stems carelessly mingled produces a better effect for corsage, or as a gift to a sick friend, which may be a few red roses or carnations; if any white flowers are used at all, only one or two, and be careful to avoid anything which may suggest a funeral, and too many white flowers do so.

"In table decorations give attention to the green as carefully as anything, and do not measure one flower with another, but let each have a beauty of its own. Conceal any defect with one of the weaker blooms, and strengthen the weak stalk with wire, first sticking through the bulb and then winding around the stem; then you may bend it into any position also. Avoid a

flat, level mass in bouquet or piece and conceal the stem with a flower."

In his demonstration upon the tying of bows of ribbon, Mr. Donlan gathered the boys around him and at his earnest request one of them came forward to try his hand. It was Dave Rose, who remarked that "his wife usually tied the strings." Someone suggested he better learn, for she might get a divorce, and after a while he finally did tie one to satisfy his instructor.

The artist of today is returning to ancient floral art for his motifs. We have made no advance in the refinement of art, but we have in arrangement. The United States today leads the civilized world in the refinement of floral art, because we have the best element from all countries. Societies offer but little inducement to bring out this element, however. Do not bring a grower to judge your artistic arrangements for effect. There is as much beauty from an esthetic standpoint in the small flowers as the large, which indicate simply overfeeding, but add nothing to beauty in arrangement.

In the election which preceded the address Peter Duff was re-elected president and Joseph B. Davis was made vice-president. Both being the only nominations, were elected by acclamation, and in the balloting which followed George Smith was elected secretary and Malcolm MacRorie treasurer.

J. B. D.

ST. LOUIS.

Club Meeting.

On Thursday, the 14th, the regular monthly meeting of the Florists' Club was held, this being the first meeting since the flower show. The meeting opened with President Ammann in the chair and about twelve members present. More were expected, but the approaching holiday rush no doubt kept many away. The executive committee made a report showing a loss of about \$1,000. This is not a final report, as all the prize money has not yet been collected. The Shaw prize money was on hand and the treasurer was ordered to pay this out at once. Not before the next meeting will the committee be able to make a final report and pay out what money is on hand.

A euchre party, same as last year, will be given for the benefit of the prize winners, which will be given the latter part of January or early in February. The president appointed a committee of three, consisting of F. C. Weber, John W. Kunz and J. J. Beneke, to assist the trustees, who have the matter in charge, in making it a grand success.

Mr. J. W. Kruse was elected a member of the club, and Mr. Chas. Connon, Sr., made application for membership.

The next meeting of the club our annual carnation exhibition will take place, and the secretary was instructed to correspond with growers of new

carnations to send a few of their new ones for inspection.

President Ammann made a few remarks, saying that he hoped in the new year the members would attend the meetings oftener, which would make the meetings more pleasant. The city members, at least, should attend; the members from Kirkwood, Belleville and other suburban towns attend more regularly than they do.

This closed the last meeting of the year of 1899. The first meeting in the new year will be held on Thursday afternoon, January 11, at 3 o'clock. Every florist in St. Louis and suburbs, whether member or not, is invited. The attraction will be our annual carnation exhibition and two essays on carnation growing by prominent members of the club.

The Market.

The market is uncertain and will be all this week. Among the florists, the wholesalers were not overloaded, but had plenty for all demands, showing that stock was not scarce; even some roses and carnations went to the dump pile.

Beauties, first selection, were the only roses that held up in price, selling from \$3 to \$6 per dozen; Brides, Meteors and Maids selling at \$6 and \$8 per 100 for first choice; Perles and Woottons, \$4 and \$5, and from that down to \$3 for seconds. Carnations are not so strong as they were. Good stock can be had for \$1 per 100; \$2 and \$2.50 is the price for fancy stock. No longiflorum in the market. A few callas are coming in and sell at \$10. Romans and paper whites are surely a glut and the best of stock is sold at \$2 and \$10 in 1,000 lots. Valley is also selling slowly. Violets are very scarce and Californias bring \$1 and \$1.50 for the best. Among the plants offered for Christmas are cyclamen, azaleas, poinsettias and begonias. They are in the market now and in fine condition.

Sales on holiday greens are more than satisfactory and holiday goods of all kinds are in great demand. Some of the down-town florists claim that the demand so far is better than last year, and the business houses seem to be decorating their fronts more this year than ever before. With the West End florists the sale for greens and holly will not begin until this week, and with lots of orders booked, the outlook for a great Christmas trade is very bright.

A Euchre Party.

A very pleasant euchre party was given on last Saturday night, December 16, by Mr. and Mrs. Fred C. Weber at their home, 4326 Olive street, to a few of their friends in the trade. At 8:30 p. m. five tables were filled with players, and the play continued until 10:30 p. m., when the winners were announced. They proved to be Miss Meinhardt, who won first ladies' prize; Mrs. Kunz, second, and Mrs. Meinhardt, third. John Young won the first gentlemen's prize and Carl Beyer the second. Mr. C. C. Sanders had the good luck to win the booby prize,

which caused much laughter. After the distribution of the prizes we all sat down to an elegant lunch. Among those present were: Mr. and Mrs. Fred Meinhardt and sister, Mr. and Mrs. John Young, Mr. and Mrs. Carl Beyer, Mr. and Mrs. John W. Kunz, Mr. and Mrs. Charles Kuehn, Mr. and Mrs. Frank Fillmore, Mr. and Mrs. J. J. Beneke, C. S. Sanders, Fred Weber, Jr., F. H. Weber, and Herman Weber. At 11 o'clock all went home and expressed themselves as having had a good time.

Notes.

Mr. John M. Hudson is again in the business, at 615 Locust street, dealing in all kinds of Christmas greens. You can't lose him.

C. Young & Sons Co. make a very fine Christmas display in their large show windows, using red lights, which makes them look very attractive. Will C. Young is now at the down-town establishment and Harry and Jim are running the greenhouses.

Fred C. Weber, Charlie Connon, Mrs. Ayers and other West End florists make fine Christmas displays in their stores and show houses. Most of them use red lights, which show off the goods to good advantage.

J. J. B.

NEW YORK.

Christmas Notes.

The weather continues to be very mild and the prospects are there will be plenty of stock this Christmas. Prices promise to be very moderate and everyone expects a good rush of trade. Just now flowering plants rule supreme; every store window is filled with them, resplendent in high colored baskets and ribbons. All are busy preparing for the rush. Holly has turned out somewhat better than we expected and there is the usual quantity of all manner of greens.

It scarcely seems like Christmas. Only for reminders in the way of holly wreaths, mistletoe, piles of firs and slashes of red ribbon, 'twould seem more like the end of October.

Some very fine samples of made up work (that is, plant baskets) are displayed. There seems to be more care paid to harmony in arrangement, and it looks as if it will not be the store-keepers' fault if this Christmas is not a record-breaker as far as sales are concerned. Steps should be taken to prevent the bottom being knocked out of the cut flower market. This can only be done on the basis of reasonable prices, which can only result in benefit to all.

Various Items.

Perhaps some of our readers will have noticed the amusing notices in the daily papers anent a new carnation on Broadway. You cannot blame any man for advertising his business, but it is to be hoped growers will look at such things in a right light.

Robert Jenkins, Jr., who has been secretary of the Westchester County

Gardeners' Association since that society was organized, will shortly leave Rye, N. Y., to go into the real estate business in Brooklyn, N. Y.

At the Metropolitan Club, Tuesday evening, J. W. Withers gave an interesting talk on "Strawberries every day in the year."

The Tarrytown Horticultural Society will have their first annual dinner in the Vanderbilt building, Tarrytown, December 28th. A jolly good time is assured.

The Bowling Club will not meet again until the evening of January 2. The scores tonight were:

	1.	2.	3.	4.
L. Hafner	109	158	115	120
A. Burns	135	139	141	147
W. Siebrecht	139	120	151	136
W. Stewart	102	128	167	123
T. Lang	153	162	118	147
A. Shaw	125	97	133	110
J. Donlan	132	139	144	155
J. I. D.				

SAN FRANCISCO.

Frosts have made their appearance and have left their mark on outside chrysanthemums. Unless there are heavy frosts the Chinese growers keep bringing in these outside blooms until well on in spring, but the stuff is almost worthless. Fancy inside blooms are nearly gone. Domoto Bros., the Japanese growers at Fruitvale, who are the largest growers of fancy chrysanthemums for this market, have made their last cut.

American Beauties are scarce and of poor quality. Prices range from \$1 to \$4 per dozen. Brides and Maids are of better grades, and bring from 50 cents to \$1 per dozen. Some nice poinsettias are in the market. They come from R. T. Whittlesey, Los Angeles, and bring \$7 to \$9 per 100 wholesale. Bradts, Flora Hills and Gold Nuggets are selling at 35 cents, and Scotts and Portias at 15, 20, and 25 cents a dozen. Some nice pans of Roman hyacinths are to be seen and they sell well. Business is good and prices will be better in a week or so.

E. W. McLellan & Co., the Burlingame growers, have opened a wholesale store at 23 Union Square Ave. They close at noon after Dec. 6.

"The Flower Basket," at 117 Grant Ave., is empty once more. Mrs. E. Fredericks, who has made several attempts to open a store under the above name, has failed, and the place is now to let.

James Stevenson had the decoration of the Grand Opera House for the Elks' Carnival Dec. 2, and it was one of the finest ever done in this city. Other years the work was done by the cheaper Italian and Greek florists. This year Mr. Stevenson was selected and did the work so well that the committee gave Mr. S. a vote of thanks for his artistic arrangement.

The stage, which is 75 feet deep, was set with mountain and forest scenery and a life sized elk was placed near a cliff as if coming down through the valley in the mountains. Every

[Continued Page 82.]

M. RICE & Co., are exclusive Importers and Manufacturers of Florists' Supplies

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THORBURN'S SEEDS

JAPAN LILIAM LONGIFLORUM.

	Per 100.	Per 1000.
5 to 7 inches circumference,	\$2.50	\$20.00
6 to 7 " " "	2.75	25.00
7 to 9 " " "	4.50	40.00

LILY OF THE VALLEY
and LILIAM AURATUM.

Prices on application.

J.M. THORBURN & CO.

(Late of 15 John Street)

36 CORTLANDT STREET, NEW YORK

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CHOICE STOCK

For Christmas Trade.

Cyclamen, 4 colors, 2½-inch pots, \$5.00 per 100.
Asparagus Sprengerii, 2½-inch pots, extra strong, \$6.00 per 100.

Asparagus Sprengerii, 3-in. pots, very large, \$8.00 per 100.

Primroses (Chinese) 3-in. pots, \$5.00 per 100.

" " 4-in. pots, 8.00 "

" " 6-in. pans, 8.00 per doz.

(Obconica Grandiflora and Hybridum) same size and price as Chinese Primroses.

All are in bud and bloom.

NATHAN SMITH & SON, Adrian, Mich.

Mention the Review when you write.

PLANTS AND CUTTINGS....

Begonias, best flowering varieties, 4-in. pots, \$1.00 per doz., \$8.00 per 100. Umbrella Plants, 4-in. pots, \$1.00 per doz., \$8.00 per 100. Ferns, Pteris tremula, 2-in. pots, 50c per dozen, \$4.00 per 100. Vincas, center of foliage yellow, 2½-in. pots, 50c per doz., \$3.00 per 100. Geraniums, best bedding varieties mixed, in fine growing condition, 2-inch pots, \$2.50 per 100. Geraniums, rooted cuttings, \$1.50 per 100. Rooted cuttings of Fuchsias, Heliotrope, Chrysanthemum frutescens, per 100, \$1.00. Rooted cuttings of Alternanthera, red and yellow, Ageratum, blue and white, Dwarf Micanthea, Coleus, best bedders, 50c per 100. Carnation Mrs. Fisher, rooted cuttings from soil, \$1.25 per 100.

C. LENGENFELDER, ELGIN, ILL.

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Clear Cypress Greenhouse Material.

This *with us* means the best growth of Cypress Lumber and the best grade of that growth; and from this grade all the sap—bright sap, which only experts can detect—as well as stained sap, knots and other defects cut out. Others do not equal our quality if they do beat our prices. It is not hard to see the reason: You can not buy gold dollars at fifty cents each. Experienced growers know that the best is not too good and cheapest in the long run.

Write for Circulars
or Estimates.

Lockland Lumber Co.,

LOCKLAND, O.

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Burpee's Seeds Grow

PANSIES...
.....WORTH RAISING

Good Plants by express, \$2.50 per 500;
\$4.00 per 1000. Seed as usual.

C. SOLTAU & CO., 199 Grant Avenue,
JERSEY CITY, N. J.

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SOUTHERN WILD SMILAX.

Case No. 1, \$1.00; Case No. 3, \$3.00; Case No. 5, \$4.00
" No. 2, 2.00; " No. 4, 3.50; " No. 6, 4.50

Carefully selected stock. Full cases.

Write for art catalogue, "Evergreens of the Southland," which every florist should have in his store to show customers. Illustrations of beautiful Southern Evergreens.

CALDWELL THE WOODSMAN CO., Inc.,
EVERGREEN, Alabama.

P. S.—The cow is dead—Smilax killed her.

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Always Mention the....

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300,000 VERBENAS....

60 finest named varieties, including our new mammoth white, Mrs. McKinley, the finest white Verbena grown.

PERFECTLY HEALTHY. FREE FROM RUST.

Rooted Cuttings 60c per 100, \$5.00 per 1000.

Plants \$2.50 per 100, \$20.00 per 1000.

Our list is the choice from millions of seedlings. Send for list. J. L. DILLON, Bloomsburg, Pa.

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EDWARD B. JACKSON,
Wholesale Florist.

HARDY HERBACEOUS PLANTS ONLY.

In any quantity for the least money.

STAMFORD, CONN.

EVERY FLORIST OUGHT TO INSURE
HIS GLASS AGAINST HAIL

FOR PARTICULARS ADDRESS

JOHN G. ESLE, Sec'y, SADDLE RIVER, N. J.

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SAMUEL S. PENNOCK, Wholesale Florist

{ Until further notice, will be open from }
6:00 a. m., to 11.00 p. m.

American Beauties and Valley Our Specialties. 1612-14-16-18 Ludlow St., Philadelphia, Pa.

Mention The Review when you write.

variety of palms and ferns found in California was used in this decoration.

The speaker's table was one large elk's head nestled in a bank of ferns, as if the whole body of the elk was there. On one large cliff to the left of the stage was placed a cross made of ivy, nine feet in height, with a beautiful sash of white ribbon thrown across its arms. One of the boxes on each side of the stage had an elk's head nestling in grasses. Sixteen white electric lights were placed on the antlers of each head, and the effect at night was very pleasing.

The foyer was elegantly decorated with evergreens and hundreds of white chrysanthemums, American flags and purple ribbons, purple being the Elks' color. I might add that the large cross was an exquisite piece of work and was given by Mrs. Leland Stanford of Menlo Park.

I paid a visit to Mr. A. Galloway's place in Fruitvale and found that gentleman busy among his carnations and violets. One bench of Gold Nugget and another of Flora Hill looked fine. Mr. Galloway thinks well of Painted Lady as a pink, but is looking for a scarlet to take the place of Jubilee, which he intends to discard next year. The carnations are grown on solid beds at this place and the health of the plants and size of the flowers prove the wisdom of this plan of culture in California.

J. Cleary, formerly with H. S. Sanborn, Oakland, who opened a store at 182 Eddy St., this city, has failed to make it go. Two months was enough for him. Mr. Sanborn has offered him his old position. J. N.

CATALOGUES RECEIVED.

Henry F. Michell, 1018 Market St., Philadelphia, price list of indurated fiber flower pots, florists' vases, saucers, etc.; Kennicott Bros. Co., 42-44 Randolph St., Chicago, wholesale price list of cut flowers and florists' supplies; E. H. Krelage & Son, Haarlem, Holland, Dutch bulbs; E. C. Amling, 51 Wabash Ave., Chicago, price list of cut flowers; Osman & Co., 132 Commercial St., London, England, price list of horticultural sundries and novelties.

PITTSBURG CUT FLOWER CO., Ltd. WHOLESALE FLORISTS.

Long Distance
Phone 2157.

CONSIGNMENTS SOLICITED.

No. 504 Liberty St.,

FLORISTS' SUPPLIES.

Write for Price List.

PITTSBURG, PA.

Mention The Review when you write.

Asparagus Plumosus

Cut Strings
8 feet long.
50c per string.

Nanus

Shipped
to any part
of the country.

W. H. ELLIOTT,
BRIGHTON, MASS.

Mention The Review when you write.

Galax Leaves GREEN and BRONZE

New Crop, finest stock only
for the Holiday Season.

The Introducer,

HARLAN P. KELSEY,

1106 Tremont Building, . . . BOSTON, MASS.

Mention The Review when you write.

Real Estate,

Land with or without Greenhouses
in different parts of the United States.

BARGAINS can be had and opportunities opened
for profit. Write for particulars and state
your requirements.

SMITH & SMITH,

345 Sixth Ave., PITTSBURG, PA.

Brokers in Real Estate,

Glass, Pipe, Boilers, etc.

Mention The Review when you write.

PANDANUS VEITCHII

Vigorous Shapely Plants.

6-in. pots, \$1.00 each. 7-in. pots, \$1.50 each.
8-in. pots, \$2.00 each.
Discounts on large orders.

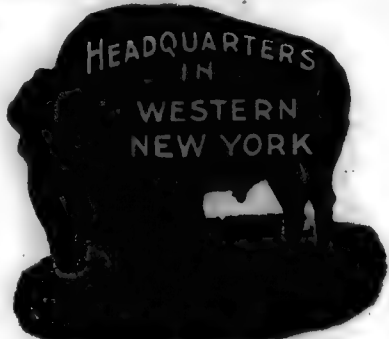
JOHN WELSH YOUNG,

Upsal Station, Penna. R.R. Germantown, Pa.

Mention The Review when you write.

GIVE US
A
TRIAL.
WE CAN
PLEASE
YOU.

Roses,
Carnations
and all
kinds of
Seasonable
Flowers
in stock.



WM. F. KASTING, Wholesale Com-
mission Florist.
481 Washington St., BUFFALO, N. Y.
Also Dealer in Florists' Supplies and Wire
Designs.

Mention The Review when you write.

WM. J. BAKER, WHOLESALE CUT FLOWERS,

1432 S. Penn. Square, PHILADELPHIA, PA.

Original Headquarters for CARNATIONS.

Mention The Review when you write.

Cut Flower Exchange,

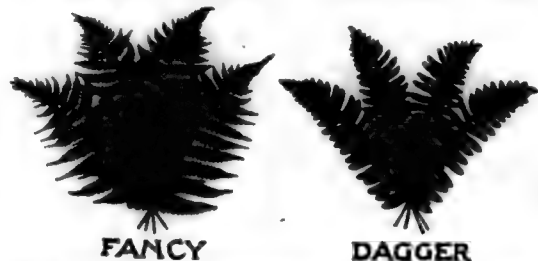
404 - 412 East 34th St., New York,

NEAR THE FERRY.
Open Every Morning at 6 o'clock for the sale of
CUT FLOWERS.

Wall space for Advertising purposes to Rent.

J. DONALDSON, SECRETARY.

Mention The Review when you write.



FANCY

DAGGER

HARDY CUT FERNS

In 1000 lots, \$1 per M. Discount on larger orders.
Also dealer in Sphagnum Moss, Bouquet
Green, Christmas Trees, etc., etc.

L. B. BRAGUE, - Hinsdale, Mass.

Mention The Review when you write.

3,000 POINSETTIAS!!!

Grown to single stems, measuring from
18 to 26 inches in diameter.

Write for prices....AMERICAN ROSE COMPANY, WASHINGTON, D. C.

Mention The Review when you write.

McKellar & Wintererson's

45-47-49
Wabash Ave.
CHICAGO.

Good Supply of Stock.
Telegraph Orders
Filled Promptly.....

Xmas List

WILL GIVE BUYERS ADVANTAGE OF ALL REDUCED PRICES POSSIBLE.

Roses.

	Per doz.	
	Good supply	Stock limited
Beauties, long	\$12.00 to \$15.00	
" medium	8.00	10.00
" short	2.00	6.00
Per 100.		
Perle	8.00	12.00
Brides, Bridesmaid,	10.00	15.00
Metéor	10.00	18.00
Kaiserin, LaFrance,	15.00	20.00
Roses, our selection,		
assorted	10.00	12.00

Carnations.

We handle all leading varieties.		
	Per 100.	
Extra select fancy	\$ 6.00 to \$	8.00
Fancy stock	4.00	5.00
Medium grade	3.00	4.00

Orchids.

Stock very scarce	Cattleyas	per doz.,	\$10.00
	Cypripediums	"	3.00
	Assorted Orchids	box,	15.00

Miscellaneous.

	Per 100.	
Stevia	\$1.50 to \$2.00	Plenty
Callas and Harrisii	15.00 25.00	Scarce
Violets	1.00 2.50	Plenty
Pansies		
Daisies	1.00 2.00	Scarce
Mignonette	1.00 3.00	"
Lily of the Valley	3.00 5.00	Abundant
Alyssum	.25	"
Narcissus	2.00 4.00	"
Romans	2.00 3.00	"
Jonquils	4.00 6.00	"

LOOK 

Decorative Stock.

Smilax	per doz.,	\$1.50 to \$2.00
Asparagus	"	5.00 6.00
"	per string,	.50 .75
Adiantum	per 100,	.50 1.00
Common Ferns	"	.25
"	per 1000,	1.50
Galax Leaves	"	1.50
"	per 100,	.15

Special Low Prices on Wild Smilax for Holidays.

Parlor Brand, case	each,	\$3.00
Medium size,	"	4.50
Large size,	"	6.50
Needle Pines, small	dozen,	1.50
" med	"	2.25
" large	"	3.00
Sabal Palm Leaves	Per 100,	4.00
Palm Crowns	Per doz.,	8.00
Sheet Moss	Per bale,	1.00
"	Per bbl.,	8.00
Laurel	"	4.00
Laurel Wreathing	Per 100 yards,	5.00
Florida Gray Moss	Per bbl.,	4.00

...SPECIAL...

3,000 POINSETTIAS

We are headquarters on Poinsettias for the Chicago market. Our stock is extra fine, as supply of these beautiful Xmas decorative flowers is quite limited, we advise early orders.

Small size	Per doz.,	\$1.00 to \$1.50
Medium size	"	2.00 to 3.00
Select size	"	4.00

Cyclamen Plants. Cyclamen, select, 3-in., \$12 per 100; 4-in., \$15 per 100; 5-in., \$25; extra select, 5-in., ready for 6-in., \$4 per doz.; 6-in., \$6 per doz.; 7-in., specimens, \$12 per doz.

PRICES SUBJECT TO CHANGE WITHOUT NOTICE.

XMAS HOLLY

Strictly Delaware Selected, Well Berried.

Case	\$4.00	5 cases	\$18.00	10 cases	\$35.00
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SOUTHERN HOLLY

Very Good Quality, Well Berried.

Case	\$3.00	5 cases	\$12.50	10 cases	\$22.00
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HOLLY WREATHS

Well Made of Selected Holly.

Per doz.	Per 100	Per doz.	Per 100	Per doz.	Per 100
10-in., \$1.00	\$7.00	12-in., \$1.25	\$9.00	14-in., \$1.50	\$11.00
Select Double Sided, per dozen, \$3.00					

XMAS GREEN

Stock is Finer than Ever.

Crate, 100 lbs	\$3.50	5 crates, 500 lbs	\$16.25
10 crates, 1000 lbs	\$30.00		

WREATHING Well Made by Hand.

100 yds.	1000 yds.	100 yds.	1000 yds.	100 yds.	1000 yds.
Light, \$2.50	\$22.00	Medium, \$3.00	\$27.50	Heavy, \$4.00	\$37.50

Green Wreaths, well made with few red and yellow Immortelles dotted through them, same price as Holly Wreaths elsewhere priced.

McKELLAR & WINTERSON,

45, 47, 49 Wabash Ave.

CHICAGO.

E. H. HUNT

THE "OLD RELIABLE" FOR

**Wholesale
Cut Flowers**

Hunt's Flowers Go Everywhere.

76 Wabash Ave. CHICAGO.

Mention The Review when you write.

PHILADELPHIA.

The retail florists report an old time Christmas rush the past week. The wholesalers have done well, too, as shipping trade has been good. There has been an exceptionally big demand for holly, and, unfortunately, it is rather scarce, especially the berried holly.

Christmas Prices.

Beauties, \$6 to \$12 per doz.; Brides, Maids, Kaiserins, Meteors, Golden Gate, \$10 to \$20; La France, \$6 to \$8; Gontier, \$8 to \$10; Perles, \$6 to \$12; Liberty, \$25 to \$75 per 100. Cyripediums, \$15; carnations, common \$3 to \$4, fancy \$5 to \$8; Ethel Crocker, \$8 to \$10; hyacinths, \$3 to \$4; valley, \$3 to \$4; fancy, \$5 to \$8; mignonette, \$4 to \$5; narcissus, \$3 to \$4; violets, single \$1, double \$1 to \$2.50; adiantum, \$1; asparagus, 50 cents; smilax, 15 cents.

Notes.

Visitors: M. H. Reeves, Coatsville, Pa.; Patrick Foy, Roanoke, Va.; H. J. Tice, New Brunswick, N. J.; Alex. McConnell, of New York, who was in search of plants for basket work, and J. A. Peterson, of Cincinnati, who was, as usual, on a selling expedition.

The H. A. Dreer Co. report an unusual rush in their shipping department and in order to deliver goods on time for Christmas their entire force of packers is working until 10 o'clock every night. A visit to their establishment at the present time would give one a good idea of the immense business they are doing. R.

MARINE CITY, MICH.—Mrs. Henry Renig's greenhouse was burned Dec. 12. Loss \$500; no insurance.

OWOSSO, MICH.—Herb B. Deal has opened a flower store here.

BENTHEY & CO.

F. F. BENTHEY, Mgr.

WHOLESALE AND COMMISSION Florists. Consignments Solicited.**41 Randolph St. CHICAGO.**

Mention The Review when you write.

Removal Notice.

On or about January 1st
we will remove to
Nos. 32, 34, 36 RANDOLPH STREET.

We will be prepared to furnish the CUT-FLOWER TRADE with the best in the market and expect that the increased facilities will enable us to cater to their wants even more successfully than in the past.

As yet address all mail and telegrams to

E. C. AMLING,

W. S. HEFFRON, Mgr.

51 Wabash Ave., CHICAGO, ILL.

Mention The Review when you write.

Bassett & Washburn**76 Wabash Ave., CHICAGO, ILL.****Wholesale Growers of and Dealers in CUT FLOWERS**

Greenhouses at Hinsdale, Ill.

Mention The Review when you write.

**W. E. LYNCH
Wholesale Florist,****19-21 E. Randolph St. CHICAGO.**

Mention The Review when you write.

A. L. RANDALL

Telephone 1496

Wholesale Florist**4 Washington St., Chicago.**

In our new and enlarged quarters we are better prepared than ever to handle your orders.

Mention The Review when you write.

WHOLESALE GROWER OF ROSES. DEALER IN CUT FLOWERS.**J. A. BUDLONG,****37-39 Randolph St., CHICAGO, ILL.**

Mention The Review when you write.

Maplewood Cut Flower and Plant Co. GEO. M. KELLOGG, Pres.

Growers of CUT FLOWERS at Wholesale.

Regular shipping orders given special attention. We have the largest plant west of Chicago.

Store: 906 Grand Ave., KANSAS CITY, MO.
Greenhouses; Pleasant Hill, Mo.

Mention The Review when you write.

WIETOR BROS.**Wholesale Growers of Cut Flowers.**

All telegraph and telephone orders given prompt attention.

51 Wabash Avenue, CHICAGO.

Mention The Review when you write.

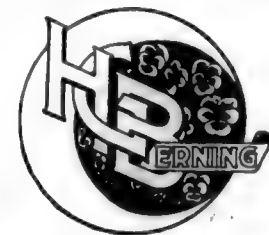
C. A. KUEHN WHOLESALE FLORIST

Cut Flowers and Florists' Supplies.

Manufacturer of the Patent Wire Clamp Floral Designs. A full line of supplies always on hand. Write for catalogue and prices.

1122 PINE STREET, ST. LOUIS, MO.

Mention The Review when you write.

**H. Berning****WHOLESALE FLORIST,****1322 Pine Street, ST. LOUIS, MO.**

Mention The Review when you write.

ELLISON & TESSON,

WHOLESALE SHIPPING

FLORISTS**3134 Olive Street, ST. LOUIS, MO.**

...Home Grown Stock...

Mention the Review when you write.

Cincinnati Cut Flower Co.W. A. MANN.
FRANK W. BALL.**416 Walnut St. CINCINNATI, O. Wholesale Florists**

Consignments Solicited.
Special Attention Given to Shipping Orders.

Mention The Review when you write.

THE WEEKLY FLORISTS' REVIEW

G. L. GRANT, Editor and Manager.

....PUBLISHED BY THE....

Florists' Publishing Company

520-535 Caxton Building,
334 Dearborn St.

CHICAGO, Dec. 16, 1899.

Messrs. Kennicott Bros. Co.,
42 and 44 East Randolph St.,
Chicago, Ill.

Gentlemen:

Our next issue will be mailed on Thursday and will reach the trade tributary to this market on Friday, giving opportunity for mail orders and instructions in response to reach you Saturday. And we can make any needed change in advs. up to Wednesday afternoon. Hope you will use a double page adv. in this issue giving the trade your very latest offers or prices in same.

Yours very truly,

G. L. Grant

Mr. G. L. Grant,
Editor and Manager Florists' Review.

Thanks for information. More orders than flowers. Can take care of our regular customers as usual, but that is about all. We will have no Beauties. Prices will be Chicago market rate to all.

Yours respectfully,

Kennicott Bros Co

42 and 44 E. Randolph St.,
Chicago, Ill.

GRAND RAPIDS, MICH.

The local florists are already beginning to build, not even waiting for spring to arrive. Henry Smith is starting in on four houses, Eli Cross four violet and one carnation house, Chadwick three or four, with more to hear from later. Crabb & Hunter will largely increase their violet capacity.

The funeral of Gen. I. C. Smith, a popular citizen, called out a lavish display of flowers. While Crabb & Hunter had charge of the decorations, by far the most elaborate and artistic piece was furnished by T. R. Renwick & Co. It was about 6 feet high. From the point was caught an American flag, its folds falling gracefully on each side of the piece. Two army swords were crossed near their points and just below was a crescent of violets, and below that a large Masonic emblem, the circular center of which projected several inches. It was made with Modesto mums, the four intersecting bars projecting beyond the center were of violets; the base, 3½ by 2 feet, was done in mums and roses. The next most conspicuous pieces were a spray by Henry Smith of 20 dozen pink and white mums, and a wreath by the Grand Rapids Floral Co., caught in the center with a heavy cluster of Romans.

SOCIETY OF AMERICAN FLORISTS.

Plant Registration.

Conard & Jones Co. register Canna "Olympia." Height, 2 1-2 to 3 feet; foliage green; spike erect, medium to large; flowers, medium size, pinkish violet purple, showing bluish tinge. Robert Montgomery registers rose, "Mrs. Oliver Ames," a sport from Mrs. J. Pierpont Morgan. Color, delicate pink with faint line of deeper color at edge of petal, softening to almost pure white at base of petal. Other characteristics identical with parent. WM. J. STEWART, Secretary.

CARLISLE, PA.—Jesse Robbins opened a new cut flower and plant store at 10 West High St. on Dec. 13.

BROOKLYN, N. Y.—John Siegel's greenhouses on 73d St. were damaged to the extent of \$500 by fire, Dec. 8.

SHAMOKIN, PA.—Fire in the greenhouses of Joseph Harris of Springfield did damage amounting to \$1,500 Dec. 7.

QUINCY, ILL.—August Fisher, the florist at Sixth and Madison Sts., has left the city rather suddenly and it is said that a large list of creditors are mourning his sudden exit.

CHAMPAIGN, ILL.—There is a lack of greenhouse room at the University of Illinois, and the erection of additional glass is being urged. It is expected that the Illinois Central R. R. will soon erect greenhouses here.

3,000 Primroses, ^{2½-inch.} at \$2.00 per 100.

ROOTED CUTTINGS

GERANIUMS. Per 100	MISCELLANEOUS. Per 100	MISCELLANEOUS. Per 100
Assorted, common.....\$1.50	Coleus, fancy & large leav'd.....\$1.00	Begonia Erfordii, Rex, Incarnata Gigantea.....\$2.00
Best varieties.....2.00	" " separate colors......80	Impatiens Sultan.....2.00
Mixed, per 1000.....1.25	" " mixed colors......80	Forget-Me-Not (Winter Flowering).....2.00
Mars, Happy Thought.....3.00	Alternanthera, R. and Y., summer struck, pr 1000, \$9.....1.00	Fuchsia, assorted.....1.50
Mme. Bruant.....2.50	Alternanthera, R. and Y., per 1000 \$5.00......80	Fuchsias, Sun Ray, Variegated, red, white and green. 4.00
Silver Leaf, rose scented.....1.50	Fuchsia, Trailing Queen.....1.50	Lemon Verbena R. C.....1.50
Bronze.....1.50	Tradescantia Tricolor.....2.00	Let us book your order now for the best late white Mum for florists' use, rooted cuttings.....2.00
Mrs. Parker, Dble. Pink Silver Leaf.....4.00	Manettia (bicolor).....2.00	
Mme. Sallerol.....1.25	Vinca.....1.50	
Freak of Nature.....3.00	Salvia.....1.25	
Double New Life.....4.00	Heliotrope.....1.25	

POT PLANTS

GERANIUMS. Per 100	MISCELLANEOUS. Per 100	MISCELLANEOUS. Per 100
Mrs. Parker.....\$8.00	Double White Stock, 3-in.....\$3.00	Hydrangea Pink, 3-in.....\$8.00
Happy Thought, Silver Leaf, 2½-in.; Mrs. Pollock, 2½-in. 4.00	Forget-Me-Not (Winter Flowering), 2½-in.....4.00	Anthericum, 3-in.....6.00
BEGONIAS. Per 100	Lemon Verbena, \$3.00, \$4.00, 6.00	Dracaena Ind. (in flats).....5.00
Rex, assorted, 2½-in.....\$4.00	Primroses (in bud) 2½-in.....3.00	Vinca, 3-in.....5.00
" named.....6.00	Primula obconica, 2-in.....2.00	Mignonette, 2-in.....2.00
Inc. Gigantea, 4-in., ready for 6-in. pots.....\$15.00	" " in flats..1.50	Manettia bicolor, 2½-in.....4.00
Inc. Gigantea, 2½-in., ready for 4-in. pots.....\$4.00 to 6.00		Fragrant Calla, 2½-in., \$1.50 doz.
		Fragrant Calla, 4-in., 3.00 "

Terms Cash or O. O. D.

GREENE & UNDERHILL, Watertown, N. Y.

Mention The Review when you write.

The Cottage Gardens, Queens, N. Y.

Novelties and Standard Sorts of.....

Carnations, Geraniums, Cannas, Chrysanthemums, Dahlias, and other Florists' Specialties.

We Carry.....Not the cheapest but the best stock.

Not the largest number but the best selected list of varieties.

We carry no trash in our stocks. All useless varieties discarded and stock destroyed.

In buying from us you will get full value for your money.

Our Illustrated and Descriptive Trade List will be mailed you in January. Meanwhile, upon writing us, you can get special quotations upon such stock as we have ready for immediate shipment.

BEFORE BUYING send for our list.

C. W. WARD, Manager

Mention The Review when you write.

IMPORTANT.

Every retail Florist should have our descriptive wholesale price list of SPECIALTIES, there is money in it for every man in the trade, a few of the good things mentioned below.

VERBENAS, 20th Century set 32 grand mammoth varieties selected from over 100 of the choicest, including the latest Capt. Dreyfus, Helen Gould, Melba and many others. Clean, healthy vigorous plants of the most fascinating colors and shades. Extra strong 2-in. full of cuttings, \$2 per 100; \$18 per 1000; extra strong rooted cuttings, 60c per 100; \$5 per 1000.

DBL. FRINGED PETUNIAS, Dreer's and Henderson's latest, known the world over as the standard of perfection, 12 gorgeous varieties. True to name. Extra strong 2-in. \$2 per 100; \$18 per 1000; extra strong rooted cuttings, \$1 per 100; \$8 per 1000.

5000 GERANIUMS, Bruanti (the grand scarlet bedder), S. A. Nutt, La Favorite, Athlete and Sweet Scented, strong 2½-inch, 3c; \$27.50 per 1000.

NEW GIANT CALIFORNIA AND WHITE MARQUERITE and New Golden; they sell on sight, extra strong 2½-in., \$2.50 per 100; extra strong rooted cuttings, \$1 per 100.

SALVIA SPLENDENS, the old stand by, no other so good, extra strong 2½-in., \$2.50 per 100; extra strong rooted cuttings, \$1 per 100.

AGERATUM PRINCESS PAULINE, the great novelty of '08, the only one to grow. Extra strong 2½-in. \$2.50 per 100; extra strong rooted cuttings, \$1 per 100.

SMILAX, extra strong, bushy seedlings (sown the first of August), fine plants, 50c per 100; \$4 per 1000 by mail.

VINCAS, MAJOR AND VARIEGATA, extra strong rooted cuttings, \$1 per 100.

1000 BRIDESMAID ROSES, strong 2½-in. and 3-in., \$2.50 per 100; \$20 per 1000.

TERMS STRICTLY CASH WITH ORDER.

SOUTH SIDE FLORAL CO., - Springfield, Ill.

Mention The Review when you write.

Choice Plants for Autumn Sales.

JOHN H. LEY,

Good Hope, Washington, D. C.

Asparagus P. Nanus, 5-in. pots.....doz., \$3.00
Ferns, 30 new and choice sorts, 4-in. pots, 100, 10.00
10 choice sorts, 2-in. pots.....4.00
Nephrolepis Washingtoniensis, the finest new Fern this year, 4-in. pots.....doz., 3.00
Adiantum Hybridum, new, elegant, 8-in., each 1.00
Cuneatum, extra large, 4-in. pots, 100, 10.00
Crotons, 12 finest sorts, colors fine, 4-in., doz., 1.00
Peperomia Arifolia and Argyrea, 3-in., .50
Selaginella Africana, fine blue and others, 3-in. pots.....doz., .50
Ferns, from flats, nice little plants for small pots, 10 sorts, 100 free by mail.....1.25
Careful packing. Cash with order. Plants gratis.

Mention The Review when you write.

Perry Watson & Co.

CALIFORNIAN SEED HOUSE

—SPECIALTIES—

Onion Seed	Sweet Peas	Lima Beans
Lettuce	Cosmos	Salt Bush
Celery	Hollyhock	Bromus Grass
Carrot	Verbenas	Bermuda "
Salsify	Asters	Johnson "
Parasip etc.	Mignonette etc.	etc.

ALL CALIFORNIA GROWN. WHOLESALE ONLY.

SACRAMENTO CALIFORNIA

Mention The Review when you write.



OUR PRICES 1900 Ready to Ship

Most of these plants were rooted and potted in September. Only 8 kicks in 3,700 shipments last year, ending July 1, 1899. We ship rain or shine, hot or cold. Our packing is complete. We want 500 orders a week.

	Per doz.	Per 100
New Geranium, DeRoo Mitting, 1899, 1.20	\$1.20	\$10.00
Double Snow Drop, 1899, 1.20	1.20	10.00
New Yellow Baby Primrose, 2 1/2-in., 1.20	1.20	10.00
1899, 1.20	1.20	10.00
20 new Coleus, all named, the 20 for 1.00	1.00	4.00
80 standard Coleus, all named, 2 1/2-in., 2.00	2.00	2.00
15 Begonias, Flowering, 2.00	2.00	2.00
Variegated Vinca, 2 1/2-in., 2.00	2.00	2.00
Forget-Me-Not, winter bloomer, 2 1/2-in., 2.00	2.00	2.00
Primula Obconica, in bloom, 3-in., 3.00	3.00	2.00
2 1/2-in., strong, 2.00	2.00	1.50
" Chinese, 1.50		
Pansy Plants, Mitting's Giants, per 1000, \$3.50		
Velvet Plant, 2 1/2-in., 2.00	2.00	2.00
Geranium, La Favorite, 2 1/2-in., 2.00	2.00	1.00
Cannas, 10 varieties, all mixed, single eyes, 1.00	1.00	2.00
Mesembryanthemum Erectum, basket plant, 2 1/2-in., 2.00	2.00	2.00
California Moss, fine border or basket plant, 2 1/2-in., 2.00	2.00	2.00
Lycopodium Dent., to fill in design work, 2 1/2-in., 2.00	2.00	2.00
Dusty Miller, 2.00	2.00	2.00
Feverfew, Little Gem, 2.00	2.00	2.00
" Golden Foliage, 2.00	2.00	2.00
40,000 Alternanthera, 4 varieties, yellow, pink, red and large pink leaved, strong, full of cuttings; potted last August, 2 1/2-in., 2.00	2.00	

R. C. Carnations Ready to Ship.

	Per 100
G. H. Crane, 1899, scarlet, \$5.00	\$5.00
Glacier, " white, 4.00	4.00
Gomez, " dark red, 4.00	4.00
America, " scarlet, 4.00	4.00
Melba, " light pink, 4.00	4.00
Maud Adams, " deep cerise red, 4.00	4.00
Argyle, fine pink, our favorite, 1.50	1.50
Triumph, pink, 1.50	1.50
Daybreak, shell pink, 1.50	1.50
Morello, scarlet red, 1.50	1.50
Empress, dark red, 1.50	1.50
In three weeks we shall have Mrs. G. Bradt, Flora Hill, Mrs. F. Joost, Gold Nugget, White Cloud, Psyche, Mary Wood, New York, and the 1900 ones when ready. 5 plants at 100 rates. Let us estimate your wants.	

The Morris Floral Co.

MORRIS, ILL.

Mention The Review when you write.

15,000 Dracaena Indivisa,

in 2-in. pots, \$3.00 per 100, \$25.00 per 1000.

ASPARAGUS PLUM. NANUS,

in 2-in. pots, \$4.00 per 100, \$35.00 per 1000.

(Cash, please.)

Send for list of testimonials of our Soil Pulverizer.

No. 1, \$5.00; No. 2, \$10.00; No. 3, \$15.00

The Florists' Supply Co.

Box 56, - - - NORTH TONAWANDA, N. Y.

Mention The Review when you write.

Rooted Cuttings.

Pelargoniums, 15 varieties, \$2.00 per 100	\$2.00
Petunias, 30 " 1.25	1.25
Heliotrope, 15 " 1.00	1.00
Verbena, 40 varieties, 60c per 100, 5.00 per 1000	5.00
Coleus, 30 " 70c 6.00	6.00
Express prepaid. Cash with orders.	

S. D. BRANT, - - CLAY CENTER, KAN.

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FOR THE HOLIDAYS.....

Our special DECEMBER WHOLESALE LIST, offering a full line of DECORATIVE PLANTS, such as Palms, Ferns, Araucarias, Ficus, etc., suitable for the Holiday Trade, as well as all Seasonable Flower Seeds, has just been issued and mailed to the trade. If you did not receive your copy please advise us.

HENRY A. DREER, 714 Chestnut Street, Philadelphia, Pa.

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" " " 12-inch diameter and up, 40.00	40.00
RHODODENDRONS, extra fine, for forcing, small plants, 35.00	35.00
" " " large " 60.00	60.00
SNOWBALLS (Viburnum) for forcing, 35.00	35.00
LILACS, Charles X. and Marie Legraye, 45.00	45.00
CRIMSON RAMBLER ROSES, extra strong, 25.00	25.00
HYBR. ROSES, low budded, \$10.00 per 100, 75.00 per 1000	75.00

Prices on all other Bulbs and Plants cheerfully given.

F. W. O. SCHMITZ, Jersey City, N. J.

Orders now booked for

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for all fancy varieties.
All cuttings guaranteed A1.

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Greenhouses and address, JOLIET, ILL.

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BEST NEW AND STANDARD VARIETIES
Write for catalogue and prices.

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Last Call For MAJOR BONNAFFON STOCK PLANTS

10c a piece, \$1 a doz., \$6 a 100. These clumps are large and full of young growth and are from prize winning stock, flowers produced from same taking first prize wherever shown, five first premiums in one season. Also a limited quantity of other good varieties, such as Lady Fitzwygram, Ivory, H. W. Rieman, Mrs. O. H. Peirce, Yanoma, Mrs. Murdoch, Golden Wedding, Vivand-Morel, Philadelphia, Mrs. Seuberger, Sunderbruch, etc. GUNNAR TEILMANN, Marion, Ind.

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VERBENAS.

New Mammoth Standards, all colors, they're pretty warm. 60c per 100; \$5.00 per 1000.

PETUNIAS, Dreer's are the best Double Fringed Pink to date, \$1.25 per 100; \$10.00 per 1000. HELIOTROPE, 75c per 100. AGERATUM, 50c per 100. COLEUS, 50c per 100. Every cutting a selected cutting. Every cutting guaranteed.

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F. R. THORNTON, - - - MACOMB, ILL.

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Wholesale Florists,

RICHMOND, INDIANA.

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Absolutely the best pink Carnation ever offered the trade. Grown equally successfully by Hill, Craig, and myself, you are not buying it on a venture, but knowing that it is not a success in one soil and a failure in another.

In color, size, fragrance and stem it is just what the "storemen" want. In habit, constitution and freedom of bloom it is just what the grower wants, never out of crop from Sept. to July, more flowers to the square foot than any other known variety and practically no seconds.

With 18,000 stock plants to work from there is no danger of over propagation; and you are not asked to wait until planting out time for your cuttings but can have them whenever wanted. Orders entrusted to me will have my personal attention, both in the selection of the cuttings and the filling of the order.

Price per 100, \$10.00; per 25, \$2.50; per 1000, \$75.00; per 250, \$18.75. Herr's Pansies at \$4.00 now, and a regular assortment of Carnations in a list ready Jan. 1st. ALBERT M. HERR, Lancaster, Pa.

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Stock plants of the leading new and standard sorts.

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of all the NEW and LEADING VARIETIES. Send for prices.

GEO. HANCOCK & SON,

GRAND HAVEN, Mich.

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CLASSIFIED PLANT ADVERTISEMENTS.

Rate for advertisements under this head, 10 cents a line net, per insertion. New advs. and changes must reach us by Wednesday morning at latest to secure proper classification in issue of Thursday.

ACACIA.

Acacia Paradoxa, well budded, 50c, 75c and \$1.00 each.
Bobbink & Atkins, Rutherford, N. J.

ACALYPHA.

Acalypha Sanderi, 2½-in. pots, \$1.75 per doz.; \$12.50 per 100. 5-in. stock plants, with lots of cuttings, \$5.00 per doz.; \$40 per 100. Seawan-haka Greenhouses, Oyster Bay, N. Y.

Acalypha Sanderi, fine 2½-in. plants, \$3.00 per 100.
The Conard & Jones Co., West Grove, Pa.

AGERATUM.

Ageratum Princess Pauline, the only one to grow. Extra strong, 2½-in., \$2.50 per 100. Rooted cuttings, extra strong, \$1.00 per 100.
South Side Floral Co., Springfield, Ill.

Ageratum, rooted cuttings, 50c per 100.
F. R. Thornton, Macomb, Ill.

ALTERNANTHERA.

40,000, 4 varieties, red, yellow, pink and large pink leaved, strong, full of cuttings; were potted last August, 2½-in., \$2.00 per 1000.
Morris Floral Co., Morris, Ill.

Alternanthera, rooted cuttings, summer struck, \$1.00 per 100.
Greene & Underhill, Watertown, N. Y.

Red and yellow, rooted cuttings, 50c per 100.
C. Lengenfelder, Elgin, Ill.

ANTHERICUM.

Anthericum, 3-in., \$3.00 per 100.
Greene & Underhill, Watertown, N. Y.

"The Classified Advs. bring big returns" is the verdict of the advertisers.

ASPARAGUS.

Asparagus plumosus nanus, 2-in., \$4.00 per 100; \$35.00 per 1000.
Florists' Supply Co., No. Tonawanda, N. Y.

Asparagus Sprengeri, fine large plants, in 5-in. pots, \$3.50 per doz.; \$25.00 per 100.
E. C. McFadden, Short Hills, N. J.

Asparagus plumosus fronds, from 1 to 2 ft. long, \$1.50 per 100. Cash.
H. P. Owen, Toughkenamon, Pa.

Asparagus Sprengeri and Plumosus, 2-in., \$5.00 per 100; 3-in., \$8.00 per 100. Cash.
Geo. M. Emmans, Newton, N. J.

Sprengeri, 2½-in., extra strong, \$6.00 per 100; 2-in., very large, \$8.00 per 100.
N. Smith & Son, Adrian, Mich.

A. plumosus, strong, 2-in., \$4.50 per 100; \$40.00 per 1000. Cash. C. Merkel & Son, Mentor, O.

6-ft. strings, 35c each; 8 to 12-ft. strings, 45c each. Cash. H. M. Alb & Co., Dayton, O.

A. plumosus, 6-in., thrifty and good color, 25c.
O. F. Searles, Nashua, N. H.

Asparagus plumosus, all sizes.
A. S. MacBean, Lakewood, N. J.

A. plumosus nanus, 5-in., \$3.00 per doz.
John H. Ley, Good Hope, D. C.

AZALEAS.

Azalea Indica in the best market varieties, 10 to 12 inches in diameter, \$35.00 per 100; 12-inch diameter and up, \$40.00 per 100. Rhododendrons, extra fine for forcing, small plants, \$35.00 per 100; large plants, \$60.00 per 100. Snowballs for forcing, \$35.00 per 100. Lilacs, Charles X and Marie Legraye, \$45.00 per 100. Prices on all other plants cheerfully given.
F. W. O. Schmitz, Jersey City, N. J.

BEGONIAS.

Gloire de Lorraine, the grandest novelty of the day and one of the best selling plants for florists ever offered. Blooms continuously, autumn, winter and spring. Fine, strong plants from 2½-in. pots, per doz., \$4.75; per 100, \$35.00. Flowering plants, from 2½-in. pots, per doz., \$2.35; per 100, \$17.50. R. & J. Farquhar & Co., 16 So. Market St., Boston, Mass.

Begonia Rex, assorted, 2½-in., \$4.00; named, \$6.00. Incarnata gigantea, 4-in., ready for 6-in., \$15.00; 2½-in., ready for 4-in., \$4.00 to \$6.00 per 100. Rooted cuttings, Erfordil, Rex, Incarnata gigantea, Flowering, \$2.00 per 100.
Greene & Underhill, Watertown, N. Y.

Best flowering varieties, 4-in., \$1.00 per doz.; \$3.00 per 100. C. Lengenfelder, Elgin, Ill.

Rex begonia, finest mixed, 3-in., \$4 per 100. Cash. Geo. M. Emmans, Newton, N. J.

15 varieties, flowering, named, 2½-in., \$2.00 per 100. Morris Floral Co., Morris, Ill.

BOUGAINVILLEAS.

Bougainvillea Sanderiana, strong, from 3-inch pots, 24-30 inches, \$3.00 per 100.
P. J. Berckmans Company, Augusta, Ga.

Send in your order now for a copy of the Florists' Manual, by Wm. Scott, price \$5.00. Florists' Pub. Co., Chicago.

BULBS.

Chinese Sacred Lilies, per mat, 120 bulbs, \$4.00; per 1000, \$29.50. Lillium Longiflorum, 6-8; per case, 400, \$12.00; per 1000, \$28.00. Single and double mixed hyacinths. For forcing or bedding. In assorted colors; per 100, \$3.00; per 1000, \$25.00. Single hyacinths. Fine named leading sorts; per 100, \$4.50. Cold storage Berlin Lily of the Valley. Per 1000, \$12.50. Tulips for bedding and forcing. Crocus, etc., etc., at closing out prices. No reasonable offer refused from parties booking for bargains in bulbs. C. H. Joosten, Importer, 85 Dey St., New York.

Bulbs at one-half cost. Hyacinths, separate colors, \$3.25 per 100; \$30.00 per 1000. Tulips, per 100, fine mixed, 60c; La Candeur, 60c; Gloria Solis, 70c; Duc van Thol, 60c; Tournesol (red and yellow), \$1.30; Tournesol (yellow), \$2.75; Le Reine, 80c; Proserpine, \$1.50; Rose Gris de lin, \$1.40.
Wm. Elliott & Sons, 54 Dey St., New York.

Japan Lillium Longiflorum, 5-7-in., \$2.50 per 100; \$20.00 per 1000; 6-7 in., \$2.75 per 100; \$25.00 per 1000; 7-9 in., \$4.50 per 100; \$40.00 per 1000. Lily of the Valley and Lillium auratum, prices on application. J. M. Thorburn & Co., 36 Cortlandt St., New York.

Russian Valley, per 100, \$2.00; per 1,000, \$15.00; per case of 2,500 pips, \$30.00. Hamburg and Berlin pips, \$10.00 per 1,000; per case, 2,500 pips, \$22.50. Stumpp & Walter Co., 50 Barclay St., New York.

Excelsior Pearl Tuberose Bulbs and Caladium Esculentum Bulbs for Dec. and Jan. delivery. J. F. Croom & Bro., Magnolia, N. C.

Dicentra spectabilis, \$8.00 per 100. Fine forcing roots. See adv. of Forcing Plants.
Thomas Meehan & Sons, Germantown, Pa.

Callas. First size, 4-5-in. circum., \$4.00; second size, 3-4., \$2.00 per 100.
Jackson & Perkins Co., Newark, N. Y.

Tuberose The Pearl, 4 to 6 inches circumference, \$6.50 per 1000 net. Cash.
Hulsebosch Bros., Englewood, N. J.

Bulbs and Plants for Fall and Spring delivery. C. H. Joosten, Importer, 85 Dey St., N. Y.

Dutch Bulbs in any quantity.
Bobbink & Atkins, Rutherford, N. J.

If you read these advs. others would read yours.

CACTI.

A fine lot of small plants, suitable to offer as premiums, very cheap. Choice collections supplied at low rates.
Mrs. M. E. Patterson, Glendale, Cal.

The Florists' Manual, by William Scott, is a complete reference book for commercial florists.

CALADIUMS.

Caladiums, fancy named sorts, large, dry bulbs, ready by November, \$10.00 per 100.
P. J. Berckmans Company, Augusta, Ga.

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CANNAS.

Novelties and standard sorts of cannas. Before buying send for our list.
Cottage Gardens, Queens, N. Y.

10 varieties, all mixed, single eyes, \$1.00 per 100.
Morris Floral Co., Morris, Ill.

CARNATIONS.

Orders booked now in order of receipt for rooted cuttings of the famous Mrs. Thomas W. Lawson, the \$30,000 Queen of Carnations, for spring delivery, commencing Feb. 1, 1900. Prices to the trade only: Per dozen, \$3.00; per 100, \$14.00; per 1000, \$120.00; per 5000, \$500.00; per 10,000, \$800.00. Terms strictly cash or C. O. D. from unknown parties. Address all orders and make all remittances payable to Thos. F. Galvin, 124 Tremont St., Boston, Mass.

Rooted cuttings ready now. Per 100. G. H. Crane, \$5.00; Glacier, Gomez, America, Melba, Maud Adams, \$4.00; Argyle, Triumph, Daybreak, Morello, Empress, \$1.50. In three weeks we shall have Bratt, Hill, Joost, White Cloud and the rest of the good ones; also the 1900 ones when ready. Let us estimate your wants.
Morris Floral Co., Morris, Ill.

Orders booked now for rooted cuttings of Daybreak, McGowan, Silver Spray, Tidal Wave, Meteor and Scott, \$6.00 per 1000 and up. Express paid. Write for prices.
S. W. Pike, St. Charles, Ill.

Orders now booked for carnation cuttings for all fancy varieties. All cuttings guaranteed. A1. Chicago Carnation Co. Greenhouses and address, Joliet, Ill.

Headquarters for all new and standard varieties. If you want anything write us; information cheerfully given.
H. Weber & Sons, Oakland, Md.

Ethel Crocker. Absolutely the best carnation ever offered the trade. \$10.00 per 100; \$75.00 per 1000. 250 for \$18.75; 25 for \$3.50.
A. M. Herr, Lancaster, Pa.

Carnation Seeds. Specialists in pedigree seeds for winter blooming. Contracts solicited. American Rose Co., Washington, D. C.

The Model Extension Carnation Support, the best yet offered. The Model Plant Stake Co., 226 No. 9th St., Brooklyn, N. Y.

Rooted cuttings of all the new and leading varieties. Send for prices.
Geo. Hancock & Son, Grand Haven, Mich.

Novelties and standard sorts of carnations. Before buying send for our list.
Cottage Gardens, Queens, N. Y.

Best new and standard varieties. Write for catalogue and prices.
W. P. Peacock, Atco, N. J.

Mrs. Fisher, rooted cuttings, from soil, \$1.25 per 100.
C. Lengenfelder, Elgin, Ill.

New and standard varieties of Carnations.
F. Dörner & Sons Co., Lafayette, Ind.

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CLASSIFIED PLANT ADVERTISEMENTS—CONTINUED.

CHRYSANTHEMUMS.

Last call for Major Bonnaffon stock plants, 10c each, \$1.00 per doz., or \$6.00 per 100. Clumps are large, full of young growth and are from prize winning stock. Also a limited quantity of other good varieties, such as Fitzwygram, Ivory, Rieman, Peirce, Yanoma, Murdock, etc. Gunnar Teilmann, Marion, Ind.

Stock plants of Glory of Pacific, Mrs. O. P. Bassett, Pink Ivory, Helen Bloodgood, Georgienne Bramhall, Indiana, Bonnaffon, W. R. Smith, at 75 cts per doz.; \$5.00 per 100. Satisfaction guaranteed. Cash with order. Geo. L. Miller, Newark, O.

Stock plants from bench. Bergmann, Ivory, Pacific, Fitzwygram, Vivand-Morel, Bassett, Robinson, Jones, Bonnaffon, Wedding, etc., 50 each, packed light. Order early. Cash. The Cottage Greenhouses, Litchfield, Ill.

Stock plants of the leading new and standard sorts. Write for prices. H. Weber & Sons, Oakland, Md.

Headquarters for novelties and standard sorts. Before buying send for our list. Cottage Gardens, Queens, N. Y.

CINERARIAS.

Finest strain, 3-in. pots, ready for 4, \$3.00 per 100. 4-in. pots, ready for 5, \$4.00 per 100. 5-in. pots, ready for 6, \$5.00 per 100. Geo. W. Fetzer, 434 N. 11th St., Allentown, Pa.

Dreer's strain, budding, extra large and heavy plants, out of 5-inch pots, \$2.00 per doz.; 3½-inch, \$1.00 per doz. Cash. Henry Eichholz, Waynesboro, Pa.

3½-in. ready for 5's or 6's, fine stock, best strain, \$3.00 per 100. James Frost, Greenville, Ohio.

COLEUS.

Fancy coleus, rooted cuttings, separate colors, 80c per 100; mixed, 60c per 100. Greene & Underhill, Watertown, N. Y.

20 new ones, all named, \$1.00 per doz.; \$4.00 per 100. 30 standard varieties, all named, 2½-in., \$2.00 per 100. Morris Floral Co., Morris, Ill.

30 varieties, 70c per 100; \$6.00 per 100. Express paid. S. D. Brant, Clay Center, Kan.

Coleus, rooted cuttings, 50c per 100. F. R. Thornton, Macomb, Ill.

Rooted cuttings, 50c per 100. C. Lengenfelder, Elgin, Ill.

CROTONS.

12 finest sorts, color fine, 4-in., \$1.00 per doz. John H. Ley, Good Hope, D. C.

"The Classified Advs. are a great convenience" is the verdict of the buyers.

CUT BLOOMS.

3000 Poinsettias, grown to single stem, from 18 to 26 inches in diameter. Write for prices. American Rose Co., Washington, D. C.

Roses, carnations, paper whites, Romans, smilax. Geo. A. Kuhl, Pekin, Ill.

CYCLAMEN.

Cyclamen, select, 3-inch, \$12.00 per 100; 4-inch, \$15.00 per 100; 5-inch, \$25.00; extra select, 5-in., ready for 6-inch, \$4.00 per dozen; 6-inch, \$6.00 per dozen; 7-inch, specimens, \$12.00 per dozen. McKellar & Winterson, 45, 47, 49 Wabash Ave., Chicago.

Cyclamen Giganteum, 4 colors, very fine, 3-in. pots, \$1.00 per doz.; \$7.00 per 100; Mixed, very fine, 3-in. pots, 75c per doz.; \$6.00 per 100. Cyclamen Persicum, mixed, very fine, 3-in. pots, 75c per doz.; \$5.00 per 100. Seawanhaka Greenhouses, Oyster Bay, N. Y.

Cyclamen persicum giganteum. Splendid stock of plants, assorted colors, 3-in., ready for 4-in., \$1.00 per doz.; \$7.00 per 100. Only a few hundred left.

E. C. McFadden, Short Hills, N. J.

Cyclamen giganteum, 3-in., \$6; 4-in., \$10 per 100. Cash. Geo. M. Emmans, Newton, N. J.

Cyclamen, 4 colors, 2½-in., \$5.00 per 100. N. Smith & Son, Adrian, Mich.

DAHLIAS.

Dahlias by the tens of thousands. Get my catalogue before ordering elsewhere. W. W. Wilmore, Box 383, Denver, Colo.

Novelties and standard sorts. Send for our list before buying. Cottage Gardens, Queens, N. Y.

DAISIES.

New giant California white Marguerite and the new golden Marguerite, two of the greatest selling plants of the year, strong 2½-in., \$2.50 per 100; rooted cuttings, \$1.00 per 100. South Side Floral Co., Springfield, Ill.

Bellis, strong plants, Snowball and Longfellow, 40c per 100; 300 for \$1.00; \$2.50 per 1000. J. C. Schmidt, Bristol, Pa.

DRACAENAS.

15,000 Dracaena indivisa, in 2-in., \$3.00 per 100; \$25.00 per 1000. Florists' Supply Co., No. Tonawanda, N. Y.

Dracaena indivisa, in flats, \$5.00 per 100. Greene & Underhill, Watertown, N. Y.

FERNS.

Ferns. 30 new and choice sorts, 4-in., \$10.00 per 100; 10 new and choice sorts, 2-in., \$4.00 per 100. Nephrolepis Washingtoniensis, 4-in., \$3.00 per doz. Selaginella Africana, 3-in., 50c per doz. Adiantum hybridum, new, 3-in., \$1.00 each. Ferns from flats, nice little plants for small pots, 10 sorts, 100 free by mail, \$1.25. Adiantum cuneatum, extra large, 4-in., \$10.00 per 100. Careful packing. Cash with order. John H. Ley, Good Hope, D. C.

Fern Spores. We are headquarters. Extra large pkt. sufficient for 3000 plants, \$1.00, postpaid. Collection of 12 best varieties, each in separate package, \$5.00, postpaid. Cultural directions with each order. Send for prices on Boston Ferns, Farleyense, etc. E. C. McFadden, Short Hills, N. J.

Ferns. This year we have a fine lot, all in the best possible shape, a good variety and nice, bushy stock, 2½-in. pots, \$3.50 per 100; \$30.00 per 1000; packed in pots, 50 cts per 100 extra, express paid to New York. H. Weston & Bro., Hempstead, L. I., N. Y.

Ferns for dishes. Strong, 2 and 2½-in., \$3 per 100; \$27.50 per 1000. Maranta Massangeana (will sell your fern dishes), \$5.00 per 100; \$40.00 per 1000. Pteris Tremula, 3-in. pots, strong, \$5.00 per 100. Terms cash or C. O. D. C. Merkel & Son, Mentor, Ohio.

Boston Ferns. N. Exaltata Bostoniensis, small plants, \$5.00 per 100 to \$40.00 per 1,000; largest size, \$6.00 to \$20.00 per 100; not less than 250 at 1,000 rate. Wm. A. Bock, No. Cambridge, Mass.

Nephrolepis Exaltata Bostoniensis, the handsomest decorative plant in cultivation, \$5.00 per 100; \$40.00 a 1000. Mine is the genuine stock. Fred. C. Becker, Cambridge, Mass.

Our December list has been issued. If you did not receive your copy please advise us. Henry A. Dreer, 714 Chestnut St., Philadelphia, Pa.

Adiantum cuneatum, select stock, \$6.00 per 100; \$5.00 per 1000. Ready for shipment at once. M. A. Hunt Floral Co., Box 235, Terre Haute, Ind.

Boston ferns and Nephrolepis cordata compacta, 2½-in., \$5.00 per 100. In pans, 50c, 75c, \$1.00, \$1.25 and \$1.50 each. Cash please. Carl Hagenburger, W. Mentor, Ohio.

Small ferns in choice assortment, out of 2 and 2½-inch pots, \$4.00 per 100. Cash. Geo. A. Rackham, 880 Van Dyke Ave., Detroit, Mich.

Boston Fern, a specialty, \$5.00 per 100; \$40.00 per 1000. Only orders booked. L. H. Foster, 45 King St., Dorchester, Mass.

Boston ferns, bed grown, \$3.00 to \$10.00 per 100. Cash with order. Mrs. Frank W. Poor, Haverhill, Mass.

Selaginella denticulata, 2-in., \$2.00 per 100. They are all right for Christmas sales. E. I. Rawlings, Quakertown, Pa.

Fern Balls. For spring delivery. Must be ordered now. Vredenburg & Co., Rochester, N. Y.

Nephrolepis cordata compacta, 2½-in., \$4 per 100. Cash. Geo. M. Emmans, Newton, N. J.

Pteris tremula, 2-in., 50c per doz.; \$4.00 per 100. C. Lengenfelder, Elgin, Ill.

FORCING PLANTS.

Dicentra spectabilis, fine roots, \$8.00 per 100. Paeonia tenuifolia fl. pl. (See adv. of Paeonias) \$20.00 per 100. Iris florentina, pure white, \$8.00 per 100. Iris Germanica, assorted, \$4.00 per 100. Heuchera sanguinea, fine scarlet, \$10.00 per 100. Heuchera alba (new, rare), \$20.00 per 100. Thomas Meehan & Sons, Germantown, Pa.

Spiraeas, extra large clumps, per 100, Japonica, \$3.50; compacta, \$5.00; astilboides floribunda, \$5.00; japonica aurea reticulata, \$10.00. Rhododendrons for forcing, 50c each; \$5.00 per doz. Well budded plants. Bobbink & Atkins, Rutherford, N. J.

Deutsia Gracilis, strong, bushy plants for forcing, \$6.00 per 100. Samuel C. Moon, Morrisville, Pa. Send for price list of hardy shrubs and trees.

FORGET-ME-NOTS.

Winter flowering, 2½-in., \$4.00 per 100; rooted cuttings, \$2.00 per 100. Greene & Underhill, Watertown, N. Y.

FUCHSIAS.

Fuchsia, rooted cuttings, Trailing Queen and four others, \$1.50 per 100. Greene & Underhill, Watertown, N. Y.

Fuchsias, in variety, in 2½-inch pots. Our selection, \$3.00 per 100. Cash with order. J. E. Felthousen, Schenectady, N. Y.

Double and single, 2½-in., \$2.00 per 100. Geo. W. Fetzer, 434 N. 11th St., Allentown, Pa.

Winter blooming, 2½-in., \$2.00 per 100. Morris Floral Co., Morris, Ill.

Rooted cuttings, \$1.00 per 100. C. Lengenfelder, Elgin, Ill.

GARDENIAS.

Gardenia Florida, from 3-inch pots, 8-10 inches, branched, \$10.00 per 100. P. J. Berckmans Company, Augusta, Ga.

Send in your order now for a copy of the Florists' Manual.

GERANIUMS.

Mrs. Parker, 2½-in., \$6.00; Happy Thought, Silver Leaf, 2½-in., \$4.00 per 100. Rooted cuttings, dbl. New Life, Mrs. Parker, dbl. pink silver leaf, \$4.00; Happy Thought, Mrs. Pollock, \$2.00; Freak of Nature, Mars, \$3.00; Mme. Bruant, \$2.50; Silver Leaf, rose scented, \$1.50; Mme. Sallerol, \$1.25; assorted common, \$1.50; mixed, \$1.25; best varieties, \$2.00 per 100. Greene & Underhill, Watertown, N. Y.

Twelve of the best varieties of geraniums, but mixed, \$1.50 per 100. From 2-in. pots. Cash with order. Logan Ave. Greenhouses, Danville, Ill.

Bruanti (the grand scarlet bedder), S. A. Nutt, La Favorite, Athelete and Sweet Scented, strong 2½-in., 3c; \$27.50 per 1000. South Side Floral Co., Springfield, Ill.

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CLASSIFIED PLANT ADVERTISEMENTS—CONTINUED.

GERANIUMS—Continued.

New geraniums De Roo Mitting and double Snow Drop, \$1.20 per doz.; \$10.00 per 100. La Favorite, 2½-in., \$2.00 per 100.
Morris Floral Co., Morris, Ill.

Best bedding varieties, mixed, in fine growing condition, 2-in., \$2.50 per 100; rooted cuttings, \$1.50 per 100.
C. Lengenfelder, Elgin, Ill.

2500, rooted October, principally Heteranthe and La Flize, \$20.00 for the lot, or \$1.00 per 100.
H. Millingar, Merchantsville, N. J.

Novelties and standard sorts of geraniums. Before buying send for our list.
Cottage Gardens, Queens, N. Y.

Geranium Mars, 2¼-in., \$5.00 per 100. Cash.
Henry Eichholz, Waynesboro, Pa.

HARDY PLANTS.

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Tree paeonias, in pure white, rose, red and variegated. Should be planted now in pots. Commands high prices for Easter bloom. If desired special directions will be given to insure best success. We offer fine stock, per plant, 65 cts.; per dozen, \$6.00; 25 plants, \$10.00.
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	Pot	H't.	Char.	Per	Per
	in.	in.	lvs.	100.	1000.
Latania Borbonica,	4	12-15	2	\$15.00	\$135
"	4	15-18	2-3	20.00	150
"	5	18-20	4-5	25.00	
Phoenix Canariensis,	4	15-18	4-5	15.00	
Seaforthia Elegans,	4	18-20	2	20.00	

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Cocos Weddelliana, our stock cannot be surpassed. Fine stocky plants from 3-in pots, \$2.00 per doz.; \$15.00 per 100. \$140.00 per 1000.
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Phoenix Tenuis.....	\$0.75	\$ 5.00
Phoenix Pumila.....	1.00	8.00
Phoenix Reclinata.....	.75	5.00
Corypha Australis.....	.75	5.00
Pandanus Utilis.....	1.25	10.00

C. L. Schiller, 404 E. 34th St., New York.

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Primula Forbesii, blooming plants in 2½-inch pots, \$3.00 per 100. Cash. W. J. Engle, Xenia Ave. and Dover St., Dayton, O.

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In bud, 2-in., \$2.00; 2½-in., \$3.00 per 100. Greene & Underhill, Watertown, N. Y.

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American Beauty, Bridesmaid, Perle, Bride, Sunset, Meteor, Morgan, Testout, Mermel, La France, 3, 3½ and 4-inch.

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Salvia, rooted cuttings, \$1.25 per 100. Greene & Underhill, Watertown, N. Y.

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XXXSeeds. Verbena Grandiflora. The finest strain of Improved Giant Verbenas yet produced, largest flowers and best colors, per pkt., 600 seeds, mixed colors, 50 cts. Cyclamen Giganteum. The choicest Giant-flowering varieties in best mixture, pkt., 200 seeds, \$1.00; half pkt., 50 cts. Petunia Dbl. Fringed. The largest and finest Double Fringed and mottled Petunias to be had, trade pkt., 50 cts. Chinese Primrose. Best large, single and double, 500 seeds, \$1.00. Phlox Drum. Pumila. New, very dwarf, perfect beauties, excellent for growing in pots for Spring sales, mixed colors, per trade pkt., 20 cts. Pansy. Finest Giant. Choicest mixed Mammoths, 3500 seeds; \$1.00; ½ pkt., 50 cts. A pkt. of New Double Early-flowering Dwarf Vienna Carnation added to every order.

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60 finest named varieties, including our new mammoth white, Mrs. McKinley, the finest white verbenas grown. Healthy, free from rust. Rooted cuttings, 60c per 100; \$5.00 per 1,000. Plants, \$2.50 per 100; \$20.00 per 1,000. Our list is the choice from millions of seedlings.

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We have all the best, plenty of red and pink, 60c per 100; \$5.00 per 1000.

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New mammoth verbenas, standard, all colors, 60c per 100; \$5.00 per 1000.

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Major and Var., strong rooted cuttings, \$1.00 per 100.

South Side Floral Co., Springfield, Ill.

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Every florist ought to insure his glass against hail. For particulars address John G. Esler, Sec'y, Saddle River, N. J.

We make special greenhouse putty. Price on application. Lord & Burnham Co., Irvington-on-Hudson, N. Y.

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TOBACCO STEMS, the good, strong kind only, 60 cts per 100 lbs.; bales 450 lbs.

TOBACCO DUST, the black stuff, 2 cts per lb.; 50 to 1000 lbs.

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"Rose Leaf" Extract of Tobacco Insecticide, the best and by far the cheapest all-round insecticide on the market. For sale by seedsmen. For free pamphlet write The Kentucky Tobacco Product Company, Louisville, Ky., successors to Louisville Spirit Cured Tobacco Co.

Tobacco stems, \$1.00 per 100 lbs. Tobacco dust, \$2.50 per 100 lbs. Rose Leaf Extract of Tobacco, Nikoteen, Nicomite. Send for prices on large quantities.

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Nikoteen. Does not injure the most sensitive plants. Endorsed by prominent florists. Used for fumigation or spraying, indoors or out. 200 lbs. of tobacco in one pint of Nikoteen. Sold by seedsmen. Circular free. Skabcura Dip Co., Chicago.

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CLASSIFIED ADVS.—Continued.

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Reed & Keller, 123 W. 25th St., New York. Manufacturers of Wire Designs.

INDIANAPOLIS.

Club Meeting.

The regular meeting of the State Florists' Society was held at the store of Huntington & Page. The president and vice-president being absent, Mr. Langstaff acted as chairman. Mr. E. A. Nelson read a paper on rose culture, which was well received. As the next meeting will be the state meeting, it will be held at the State House, and it was proposed to entertain the state florists at that time, and the following committee was appointed to make arrangements for the occasion: Robert McKeand, J. T. Huntington, Fred. Hukriede. The meeting was well attended and we all hope that the good attendance will be kept up.

H. W. Rieman showed some seedling carnations and a mum, a sport from Rieman. It is a yellow, on the style of Vivand-Morel.

Cincinnati Florists' Visit.

A crowd of Cincinnati boys came over the other day—well, it was on the 13th, and there were just 13 of them; but notwithstanding all this, a luckier and happier lot of fellows were never entertained by the Indianapolis boys. They were met at the depot at 6:10 p. m., coming here from Lafayette, where they had been to visit Mr. Dorner. It was 8 o'clock when we reached the Walla Halla, and, of course, bowling was on the programme, and the way those Cincinnati boys bowled was a sight. It seems as though they had been looking for a snap and they certainly struck one, for they captured all the team and individual prizes. Mr. Jackson was the luckiest, he being the high man with 176 in a ten-frame and 102 in five frames.

Following is the score of the prize game:

CINCINNATI.	INDIANAPOLIS.
Schuman .....154	Billingsley .....116
Jackson .....176	Rathsam .....138
Rodger .....118	Vollrath .....76
Witterstatter ..113	E. Rieman .....101
Sunderbruch ..131	W. Bertermann 85
Total .. .....692	Total .....516

Following are the lucky thirteen: A. B. and C. Murphy, Rodgers, Schuman, Witterstaetter, Jackson, Gillett, Giesy, Sunderbruch, Bartlett, Wundram and Adrian.

Mr. Robert Craig, of Philadelphia, was also one of our guests.

At the conclusion Mr. Gillett made a neat speech, in which he thanked the Indianapolis florists for their kind hospitality.

They left the next morning at 8:10 for Richmond. FRED.

PORTCHESTER, N. Y.

The annual dinner of the Westchester County Gardeners' Association was given at the Irving hotel, Portchester, December 16. Some forty members and friends sat down to enjoy the good things provided. President John Shore presided, and when the demitasse and cigars came, toasts, stories, songs and speeches were in order. Secretary Jenkins read letters of regret from some of those invited from distant points. Among these was one from Alfred Dimmock, who was by that time, to use his own words, drinking their health in his stateroom on the Lucania, which sailed that day for England.

Delegations were present from all the surrounding towns. The party from Tarrytown brought an invitation to the society to dine with them at their first annual dinner, which will be held in the Vanderbilt building, Tarrytown, December 28th. Mr. J. W. Withers and J. I. Donlan, of New York city, made short addresses on "Horticulture" and the "Horticultural Press." The affair was a most happy one and was thoroughly enjoyed by all present. D.

DENVER, COLO.

Following are the scores of the Denver Florists' Bowling Club for December 12:

	1.	2.	3.	Av.
John Berry	224	196	191	203
Charles Mauff	197	160	210	189
A. E. Mauff	197	192	170	186
Ed. Emerich	169	211	165	181
Don. Scott	178	179	163	173
Robert Kurth	139	176	179	165
A. M. Lewis	129	185	180	165
Charles Meyer	165	166	165	
John Ferris	146	164	151	153
George Brenkert	148	150	156	151
J. N. Jacobson.....	194	114	127	145
A. A. Benson.....	124	105	150	126
George Zimmer	111	158	101	123

GEORGE ZIMMER.

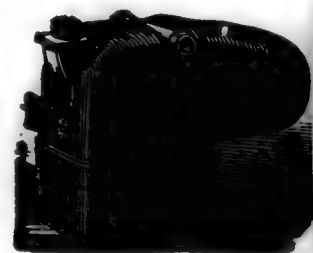
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Chas. H. Ricksecker, Linville, N. C.

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G. L. GRANT, EDITOR AND MANAGER.

PUBLISHED EVERY THURSDAY BY

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520-535 Caxton Building, Chicago,

334 Dearborn Street.

Subscription, \$1.00 a year. To Europe, \$2.00. Subscriptions accepted from those in the trade only.

Advertising rates: Per inch, \$1.00; 1/2 page, \$13.50; full page, \$27.00. Discounts: 6 times, 5 per cent; 13 times, 10 per cent; 26 times, 20 per cent; 52 times, 30 per cent. Discounts allowed only on consecutive insertions. Only strictly trade advertising accepted. Advertisements must reach us by Tuesday to insure insertion in the issue of the following Thursday.

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M. N.

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ST. PAUL.

Trade has experienced a little dullness since Thanksgiving, which is not an unusual condition at this season. The weather has been very unfavorable for the production of good blooms, the cut being small. Wholesale prices have steadily advanced until holiday figures were nearly reached. Retail prices have been very high in consequence and this may have had a depressing effect on sales.

There has been an unusually good sale of all greens and dealers in these have been kept very busy.

Violets have been woefully off crop and will be in short supply for Christmas. Carnations will be fairly plentiful, but roses will be short. An abundance of Romans, paper whites and valley will relieve the under supply of other stock and help out in difficult places.

L. L. May & Co. have a fine lot of azaleas in full bloom, with some Chinese primrose, primula obconica and Baby primroses for slimmer purses. A ramble through their houses shows a remarkably fine crop of carnations just coming in. In new varieties White Cloud, Chicago and Victor are the most promising. Flora Hill throws a fine bloom, but the stem is too weak, and White Cloud will most likely supersede it. Jubilee is still considered the best red, though Crane is most promising. America is a disappointment, a poor color and shy bloomer. Firefly ditto. Melba and Mrs. McBurney are failures here, while Victor and Triumph vie with each other for first honors in pink.

This firm is growing Lady Dorothea rose and is highly pleased with it. It is a free bloomer, a vigorous grower, while the color, form and size of the bloom will place it in the foremost rank with the retailer.

Mr. McHutchison, representing Aug-Rhotert, of New York, was a recent caller.

PEORIA, ILL.

Demand was in excess of former years for cut flowers at Thanksgiving. Carnations sold at 50 cents a dozen. Mums sold well from start to finish, but are now over. J. C. Murray furnished the flowers and decorations for the Merkel-Ulrich wedding.

A run out to Kuhl's at Pekin found everything in excellent shape. He has a heavy cut of high grade Maids and Brides, also some fine long-stemmed Beauties.

A trip to Washburn's place at Bloomington, Dec. 3, was well worth the time. Three carnation houses, 18x150, with tile benches and steam heated, were a sight to behold. These were planted early in August, and the varieties are Scott, Cartledge and McGowan, the stems 18 inches long, straight, and blooms extra fine, as many as 18 flowers and buds to a plant. His house of Maids is in good shape for the Christmas cut. Violets are a failure this year.

J. R.

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Acalypha	Browallia	Euphorbia	Lawns	Primula
Acanthophoenix	Bulbs		Libonia	
Acer japonicum		Ferns	Lilium	Rhododendron
Achillea	Caladium	Fertilizers and Ma-	Lily of the Valley	Richardia Africana
Achimenes	Calamus	nures	Linum trigynum	Ricinus
Acrophylum	Calceolaria	Ficus	Lobelia	Roses
Adiantum	Camellia	Fittonia	Lysimachia	
Agapanthus	Canna	Floral Arrangements		Salvia
Agave	Carludovica	Freesia	Manettia	Santolina
Ageratum	Carnation	Fuchsia	Maranta	Sedum
Allamanda	Celosia	Fungicides and Insec-	Martinezia	Seed Sowing
Alocasia	Centaurea	ticides	Maurandya	Selaginella
Aloysia citriodora	Cheiranthus		Metrosideros	Shading
Alternanthera	Chrysanthemum	Gardenia	Mignonne	Skimmia japonica
Amaranthus	Cineraria	Geranium	Mimulus	Smilax
Amaryllis	Clematis	Gladiolus	Moon Flower	Soils
Ampelopsis	Cobea	Glazing	Mulching	Solanum
Ananas	Cold-frames	Glechoma	Musa	Stephanotis
Annals	Coleus	Gloxinia	Myosotis	Stevia
Anthericum	Cosmos	Grasses		Stocks
Anthurium	Cotyledon	Greenhouse Building	Nepenthes	Store Management
Antirrhinum	Crinum	Grevillea robusta	Nierembergia	Swainsona
Aponogeton distach-	Crocus	Hardy Perennial		Sweet Peas
yon	Croton	Plants	Oleander	System
Aquatics	Cycas	Hardy Shrubs	Orchids	
Araucaria	Cyclamen	Heating	Othonna	Thunbergia alata
Ardisia	Cytisus	Hedera (Ivy)	Oxalis	Torenia
Aristolochia		Hedge Plants		Tropaeolum
Asparagus	Dahlia	Heliotrope	Packing Flowers	Tuberose
Aspidistra	Decorations	Hibiscus	Packing Plants	
Asplenium	Decorative Material	Hollyhock	Paeonia	Valotta purpurea
Aster	(Wild)	Hotbeds	Palms	Vases
Astilbe japonica	Decorative Plants	Hoya	Pandanus	Ventilation
Azalea	Deutzia	Hydrangea	Panicum variegatum	Veranda Boxes
	Dianthus		Pansy	Verbena
Balsam	Dracaena	Impatiens Sultani	Pelargonium	Vinca
Bay Trees	Drainage	Iresine (Achyranthes)	Peperomia	Violet
Bedding Plants			Perilla nankinensis	
Begonia	Easter Plants	Jasminum	Petunia	Watering
Bellis	Erica	Kalmia (sum)	Phlox Drummondii	
Bottom Heat	Eriostemon	Koeniga (Sweet Alys-	Phlox (Herbaceous)	Zinnia
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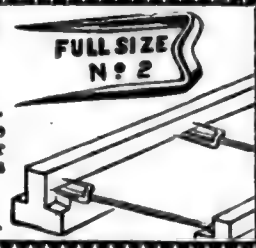
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FLORISTS' PUBLISHING CO., 520-535 Caxton Building, CHICAGO.

Vol. V.

CHICAGO AND NEW YORK, DECEMBER 28, 1899.

No. 109.

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COMMENCING FEB. 1, 1900.

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The quoted prices are for the TRADE ONLY,
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Feb.....3,120
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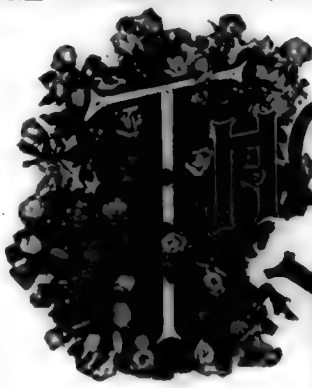
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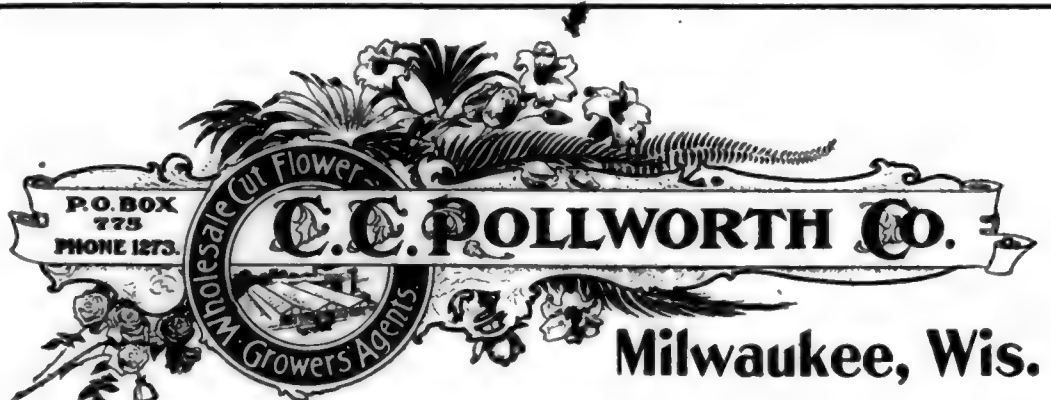
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Greens.

Christmas eve among the florists of New York is an occasion to be remembered; the enormous amount of work done, the vast quantities of stock disposed of, are, to say the least, wonderful.

Saturday we were down in the wholesale greenery district trying to get you a few statistics and we find that there were about four thousand cases of holly disposed of in this market; lots of it was not worth 25 cents a case; this was particularly the matter with southern holly this year—it was dirty yellow and much of it berryless. The Delaware stock was good and consequently went with a rush. We saw some of the best bought for \$3.00 a case, but the average price was \$4.00 and \$5.00. There were several hundred cases of mistletoe, but most of it was not fit to use. The American was damaged they say by frost, the English was either badly packed or smashed up in transit, the French was about the best. There were hunting parties out for this line of goods, but none to be had.

Seventy-two carloads of Christmas trees, with an average of fifteen hundred trees to each car, came in from New York state, and then remember the largest part of our supply came by boats from Maine, New Jersey and Connecticut; they were almost entirely white spruce or balsams and sold for 25 cents up to \$15 for 20-foot trees. The number of trees sold will exceed the quarter million mark. The best part of the trade was supplied with specimen Norway spruces from the local nurseries. Princess pine sold well. In fact, to sum up the green market, it was very good, and fine material went early and high.

We tramped the entire city looking for news and novelties, and many amusing and pathetic sights and stories were seen and heard in this greatest of Bohemias—this magnificent market where sentiment influences the petrified hearts of many. Down in the poorest parts of the city we saw the Jew and the Gentile, aye, even the Chinese, carrying home bunches of greenery, or sprays of flowers, and who shall fathom it?

We find this year, and it is a good sign, that the poorer and middle class trade was extremely good. There was not near so much artificial stuff either shown or sold. The small retailers sold a vast quantity of roping and wreaths such as was bought wholesale; holly wreaths, in fact any kind of good wreaths, were scarce in the wholesale market. Up in the first class stores the wreaths were made by contract at from 10 to 12½ cents each wreath, by experts who are employed for this every year.

This year's Christmas decorations were more general than ever. Many thousands of houses, clubs and hotels displayed wreaths and garlands and whilst there were quite a lot of mixed and pine wreaths, the great majority were of holly; we are pleased to notice that there was more refinement shown than ever before in these decorations, and we are afraid that many retailers are not responsible for this, because many who pay high rents offered numerous loud things in the way of solid immortelle wreaths, etc., which still hang in their stores. The people are not slow in appreciation, and fine work like fine stock goes quickly.

Most of the green wreaths were tied with red ribbon, and let us remark that though in many cases, particularly in wall or balcony decoration, it is best to tie the bow at the bottom, in the case of windows where fine curtains are hung and all is expected to be neat and trim it is best to tie the ribbon on the top and have the loops reach half or three-quarters down; this makes a more compact effect. If some wish to be different, short bows on the right don't look bad, especially if the wreath has a few sprays there; this can be alternated to the left side. Most of the retailers cleared out of Christmas greens and are very well satisfied with trade in that line.

Plants.

As we predicted in previous notes, this year broke the record for the sale of plants. The quantity disposed of was something enormous; thousands upon thousands of them were sold, not alone of flowering plants but all man-

ner of ferns and foliage stock; they were mostly made up in all sorts of baskets. Each florist endeavored to have something different from his brother, and in consequence some beautiful and many funny things were seen. Gauze ribbons were used very profusely. One party introduced lace handkerchiefs among his gauze. One thing we noticed, and we considered bad judgment, was the great prevalence of sickly colors, such as whites, washed out blue and yellow and faded lavenders; we think these colors retarded or spoiled many a sale. We should make a difference between Christmas and Easter colors.

Of course there was an oversupply of white stock, especially white heather (in fact this plant caused a monotony almost everywhere, and if anything remains it does), and no doubt the boys were anxious to match colors; combinations sell better sometimes. The weather was very mild and a great amount of tender ferns were used in baskets with good effect. Low poinsettias in pans went with a rush, so did ardisias. We saw lots of azaleas with one or two flowers on; it was hard to sell such. Every florist made a specialty of plants and these were disposed of before the cut flower section was seriously considered.

One point is worthy of note and of commendation: that most of the plants were sold in neat baskets, that though lots of crepe paper was used—and used with a vengeance—the public seemed to dislike it and preferred the plant to its dressing. Begonia Glory of Lorraine was a pretty feature and sold well where it was appreciated and offered reasonably. We haven't time to enumerate all the leading items in plants, but everybody did a big trade and it is safe to say there will be more grown next year.

Cut Flowers.

It is difficult to say what this Christmas was in a cut flower way. Prices for top grades were about as we quoted, but the greatest volume of trade was very much cheaper. First class fresh roses sold well, violets became a drug, bulbous stock was over-plentiful, white stuff in general moved slowly or not at all. As we said before, we traversed all sections to study the situation. We saw fairly good roses retailed for 75 cents and \$1.00 per dozen; violets, \$1.50 and \$2.00 per 100; valley, 15 cents per dozen; Romans, 10 cents per dozen; and so on, and this in the streets on Christmas day. But on the other hand we saw as big prices as were gotten the past eight years. There was a tremendous quantity of flowers disposed of.

The following is a fair estimate of what was on the market in New York for Christmas, and it almost all disappeared somewhere somehow: Violets, 500,000; roses, 200,000; carnations, 200,000; lily of the valley, 100,000; Roman hyacinths, 100,000; poinsettias, 20,000; cypripediums, 25,000; miscellaneous flowers, 250,000; vines,

10,000; red berries (*Ilex verticillata*), 10,000 bunches; common ferns, 100,000; galax, 100,000; mixed greens, 500 boxes; holly, 4,000 cases; mistletoe, 350 cases; Princess pine, 200 cases; garlands, 500,000 yards; wreaths, etc., 750,000; Christmas trees, 300,000; ferns and foliage plants, 50,000; flowering plants, 100,000.

Who shall say we are a mere nation of machines? We cannot compare these figures with those of any other city in the world, we simply give them for consideration. Our country is only 125 years old, and when one city uses almost the entire amount of stock we name for its Christmas decorations of 1899 it is pretty safe to say we are far from dying and that the future of our art is brilliantly bright.

We had the good fortune of being able to get a few pictures of the New

around you. It's all very nice if your individuality in a business way can stand out artistically prominent, but don't lose sight of this very important fact that it is far better for you to give the people good flowers and plain boxes than fancy boxes and poor flowers. The highest forms of art are the plain and simple ones.

And here's another subject: There is enough interesting history connected with most plants and flowers if we would only learn it without going to extremes in fabrications. We noticed in a prominent Broadway window a plant in flower of *Epiphyllum truncatum*. This was labeled, "Century Plant; blooms once every hundred years." It's foolish to do this kind of thing, because the great majority of Americans know better.

Very few flowers were worn on the

lessen the decorative effect, but when these thickly berried twigs are arranged with suitable accessories the effect is superb.

These berried branches have been used with splendid effect in some of the finest decorations in Chicago this winter and were a regular annual supply assured they would undoubtedly soon become very popular.

We understand, though, that the berries are of little value after severe winter weather sets in and that the large supply in the market this year is due to the remarkably mild winter up to this time. Could not this difficulty be overcome by cutting the branches after the first frost and storing away in a cool but frost-proof cellar or root house? We would be pleased to know whether this has been tried.

Surely it is worth some little effort and expense to insure an annual supply of these beautiful berried branches. They sell on sight at a good price and are exceedingly useful in many ways. During the past week many a holly wreath was doubled in value by the addition of twigs of the Winter Berry.

Another berried shrub of which branches have lately been seen in limited quantities is an *ilex* of which the specific name is not yet known by the dealers (possibly *Ilex Dahoon*). In this the foliage is present, small lanceolate leaves, and the berries a bright red, though not nearly so numerous as in the case of the Winter Berry. It would be very popular if it could be supplied in quantity, and in good condition at fair rates.

CALIFORNIA PEPPER.

Among novelties in Christmas material noted this year were the berries of the California pepper tree (*Schinus Molle*) seen at Mr. C. A. Samuelson's, Chicago. The berries are about the size of peas, of a beautiful pale rose color and are borne in panicles.

We present in this issue two engravings showing how effectively these berries were used on the handles of plant baskets by Mr. Samuelson. They were also fastened in the bows of sashes of ribbon and used in various other ways.

While the color is not so brilliant as that of other berries so freely used in Christmas decorations, there is most decidedly a place for this berry.

CHICAGO.

The Market.

The Christmas trade averaged very much ahead of last year and some hold that it was the largest Christmas business in the history of the trade in this city. The commission men as a rule report supply in excess of last year, though still insufficient to meet all the demand except in white flowers. The only stock that was in oversupply was bulbous stuff, especially Roman hyacinths, and there were some of these last left over. A number of



Basket of Cyclamens with California Pepper on handle.

York florists' stores on Christmas eve and we wish to sincerely thank the several artists for the courtesy shown our representative in a very busy time. The views will be published in connection with this department as soon as possible.

One thing we particularly noticed in several stores was that baskets of plants were massed together, and we think some good sales were lost on account of this. If you want your goods to be attractive and show their full beauty they must be arranged properly. You may often notice that the basket or vase you put on a pedestal or some place where it will be singled out from the rest is the first sold.

We are also of the opinion that too much money is thrown away on flashy trimmings in the way of wall paper boxes, bad ribbon, awful colored papers and several other things you see

streets Christmas day. Violets and red roses were the most popular. We noticed that a great deal of holly and mistletoe appeared in buttonhole and corsage.

New Year trade promises to be fairly good in the way of cut flowers.

IVERA.

THE WINTER BERRY.

The Winter Berry (*Ilex verticillata*—synonym, *Prinos verticillatus*) or Black Alder has been a very important item in Christmas decorative material in the Chicago market this season. It is a native shrub that grows about six feet in height and blooms in May and June. In fall the bright red berries (a trifle smaller in size than those of the common holly) are thickly set on the twigs, which are then bare of foliage. The absence of foliage would seem to



California Pepper on handle of plant basket.

large growers, though, report a smaller cut than last year, especially in Beauties and Meteors, and that the increase in price was not sufficient to balance the decrease in quantity. There was certainly a big lot of stock from somewhere and aside from the roses above mentioned orders were fairly well filled.

One unpleasant feature was that pickled stock turned up in quantity at the last moment and with the usual result. We hear of pickled carnations being sold at \$2.00 a hundred that would have quickly brought \$4.00 had they been brought in when right.

American Beauty roses were the scarcest they have ever been, and this is generally accounted for by the fearfully hot weather in early fall which it is believed took a great deal of vitality from the plants which has not yet been recovered.

Kennicott Bros. Co. report the Christmas trade as much the largest in their whole business experience. They didn't expect any Beauties worth mentioning, and their only disappointment was that the Gontiers they had depended upon to help out in colored roses were not up to expectations. They made three very long distance shipments for Christmas (one to the Pacific coast) and feel sure the stock must have carried well, as the consignees had telegraphed orders for double the quantities for New Year's. They find that bulb stuff travels best

packed dry in boxes separate from other flowers.

The market is now almost bare of flowers aside from white flowers, especially bulbous stock, and Christmas prices still rule; in fact these figures will be shaded little, if any, till after New Year's, anyway. And if trade is at all brisk prices should hold up well for some time. Unless the plants should suddenly bring that long deferred "crop." All report their plants as now in excellent condition and prospects good, but the stock doesn't come in despite the fact that never before have we been favored with so much bright weather in December.

The fact that better figures were made on white flowers for Christmas induced some retailers to push them and with results which show that the people will take them if price is lower. One retailer bought 600 bunches of narcissus, dressed them up with ferns and sold them out clean at \$1.00 a bunch.

Seen at the Retailers.

At E. Wienhoeber's: Natural birch bark jardinières filled with various small plants. One combination was an ardisia with baby primroses and small ferns. Another, red cyclamen and various ferns. A large round birch basket had an araucaria at back, with white azalea and large ferns in front. A plant stand contained a Dracaena Sanderiana, two ardisias, two baby

primroses with *Cyrtomium falcatum* and *nephrolepis* at the edge. A lower shelf of the same stand was filled with cyclamen and *nephrolepis*. In the center of the store was a 4-foot section of a huge log on end. In the upper end was sunk the pot of a large kentia and into the soil of the pot had been inserted a lot of winter berry branches, making a mass of the bright red berries, while ivy vines were draped down the log. There were many cyclamens and not so many azaleas as usual. Some made up pots contained an ardisia with small *cyrtomiums* around.

At C. A. Samuelson's: The window display illustrated and described elsewhere. Many baskets of plants in which cyclamens were most frequent, the handles often decorated with California pepper, as shown in illustrations in this issue. A green hamper filled with two small cyclamens, several baby primroses and sprays of *Asparagus plumosus*. Small hamper filled with marguerites and mignonette. The same filled with two bunches of violets and a few sprays of valley and mignonette. A dull gilt basket containing a white cyclamen and sprays of holly. Hamper filled with cyclamens, sprays of winter berry and asparagus, and California pepper along the edge of cover. A basket containing two plants of *Primula obconica*, several baby primroses and sprays of holly.

At H. F. Halle's: Cyclamen with pearl crepe paper cover tied with ribbon to match and spray of winter berry through the bow. Laureate wreath of leucothoe with bunch of holly at the base, the holly brightened by the addition of winter berry. A remarkably fine white cyclamen. *Ericas*, *Otaheite* oranges, azaleas, primulas. Many fern dishes. His window display was a very effective combination of above and decorative plants. He also had filled the pot of a large palm with winter berry.

At I. C. Silliman's: Many natural birch bark fern dishes. These, by the way, are made by local talent and they were very effective as well as low priced. Azaleas in pot covers were also prominent here.

The retailers all report a big Christmas trade, the increased call being for cut flowers as well as plants. With several of the leading florists poinsettias were a feature and they sold exceedingly well. Individual orders averaged larger than for some years past.

Various Items.

A look through the greenhouses of Mr. Peter Reinberg, at Summerdale, shows his stock to be in extra fine condition. He cut a fine lot of stuff for Christmas and the quality was excellent. He has an immense lot of rooted carnation cuttings coming on and all are in splendid shape. He is arranging for an experiment as to the effect of electric light on plant growth and has the poles up for a number of arc lights that will throw the light over

some of his houses at night and on dark days.

The house occupied by Burt Jackson and A. V. Jackson, Jr., at Bowmanville, was destroyed by fire last Saturday noon. The house was owned by the former. The loss is partly covered by insurance.

Charles Held, the well known florist, died December 20 at his residence, 922 North Campbell avenue, aged 45 years. He had been in poor health for several years. He had many friends in the trade who deeply regret his demise in the prime of life. Interment was at Waldheim last Sunday. He leaves a widow and four children. Mr. Held had accumulated some little property and leaves his family in very fair circumstances. When he moved his establishment to North Campbell avenue he was surrounded by open prairie, but this section is now solidly built up.

Mr. O. P. Bassett has moved into his handsome new residence at Hinsdale.

BUFFALO.

Now the hurly-burly's done, now the battle's fought and won, we can gasp and look over our profits, for some profits there must be, even if in some lines we were not successful.

It was a misfortune that the 24th fell on a Sunday, for we scarcely knew "where we were at." It is very unlikely that the same climatic conditions prevailed throughout the north, but locally we were much blessed. The last three days of the week were bright and even warm, the temperature going up to 45 degrees every day. This was an especial favor for Saturday, for then was when the largest quantity of plants were delivered. To many it was a great saving of time and labor. In fact, if Friday and Saturday had been as it is at this moment, we could scarcely have got the orders off at all, and then the scolding that would have followed! Sunday was warm and wet and Christmas day cold and clear.

It was as we predicted—a great plant time, and color was wanted. Palms were asked for less than formerly. Poinsettias took the lead, and in pans of five or six dwarf plants they went much faster than single plants, yet as single plants at \$1 an immense quantity was sold, as were five or six fine ones in fancy baskets, with Boston fern, which brought from \$5 to \$10. Azaleas sold well, and if well flowered would all have gone at a good, profitable price. There were not many cyclamen offered. Pans of Romans sold very well. When a good 5-inch pot of Gloire de Lorraine begonia can be retailed for \$1, it will be a fine Christmas plant, although there are plenty of people who rebel at its purplish pink color. There were plenty of nice little orange trees offered, but they seem to have had their day. Medium sized pots and pans of Boston fern sold remarkably well; the public knows what an admirable house plant this is.

In the aggregate there was a large

quantity of other stuff sold, including *Primula obconica*, Chinese primroses, begonias, bottle brush. Altogether, from personal observation would say that there was 30 per cent more plants handled than ever before.

There is not so much congratulation over the cut flower trade. There is kicking in various quarters. There was too much of the same old story: "Flowers very scarce," and then they came tumbling in by the barrelful on Sunday. Trade was quite brisk on Christmas morning, but there was never more than enough to supply it, and if much is left over you lose all the profit on what is sold. Several thousand violets will go to deodorize the perfume of the garbage wagon.

It is perhaps true, as someone said, that whatever we get, we do not get enough for our plants and flowers; but the public don't philosophize that way, and they shy at Beauties at \$1.50 each, violets at \$4 per hundred and Bridesmaids and Meteors at \$4 and \$5 a dozen. There are a few people who will pay anything, the higher the price the better they like it, but they are the great exception, and our steady customers revolt against what they consider extortion. I want to tell some commission men that "Ethel Crocker" carnation may sell at \$2 per dozen in Philadelphia, but they won't here. All we want is carnations that sell at \$1 a dozen.

When we consider the great quantity of plants sold for gifts, how can we expect the cut flower part of the business to be what it was a few years ago, and it is not. Ribbon was used quite largely and few plants went out without being trimmed with colored paper. The bare pot was seldom seen, and the paper is assuredly a great addition to the attractiveness of the plant.

Holly was cleaned up, but there was less demand for ground pine. The Christmas tree has grown in fashion till now they come by carloads, and the supply was sadly overdone. We noticed in a New York paper a long article on Christmas, the tree, its history, and the sources of supply, etc. Maine, it appears, supplies largely New York city. The author said: "The Christmas tree was introduced to Britain by the Saxons, and from England we got the Christmas tree with other things." I think he or she is wrong; the introduction of the Christmas tree into England was not over fifty years ago. It is to the Germans we owe the Christmas tree. "Render unto Caesar the things which are Caesar's." The weinerwurst and saurkraut, the fragrant limburger, the sainted Santa Claus and the beautiful Christmas tree are distinctly German. The holly and mistletoe are English and, although their use here is not over twenty-five years, and in general use much less, the holly is now so universally used that we noticed sprays of it in the humblest home.

There has been and is still going a continuous round of entertainments,

which helps business in general. Altogether we have reason to be thankful. The aggregate of business done must be an advance, and the elements were with us—both for the grower and retailer.

I failed to mention that, with the exception of Romans and paper whites, of which there was plenty, we saw no other bulbous stuff, and there was not the slightest occasion for their appearance. And I would add, in conclusion, for the benefit of Mr. E. M. Wood, that the finest Maids and Brides that came to town were grown by Mr. Guenther, of Hamburg, under butted glass.

W. S.

NEW YORK.

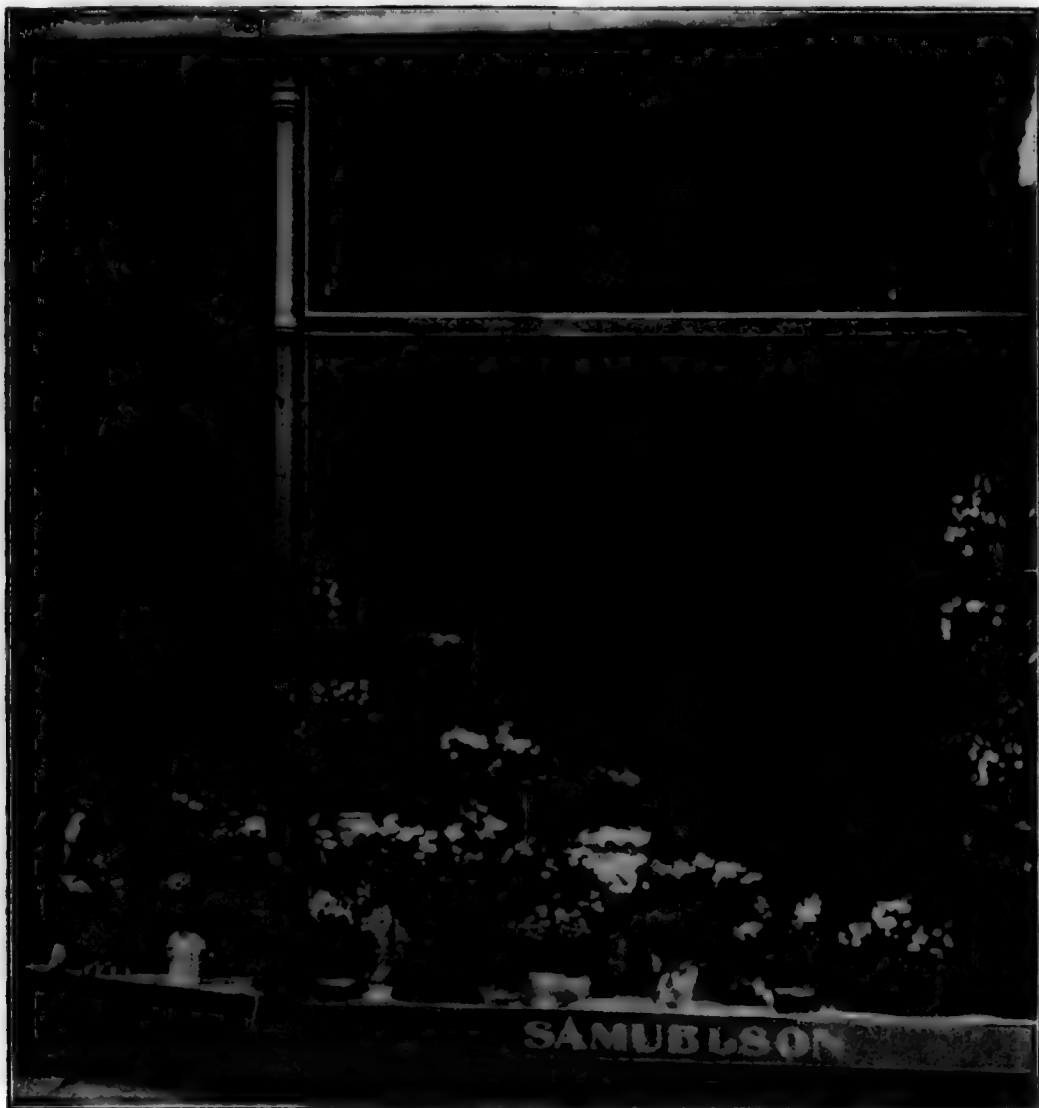
The Christmas Trade.

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some of his houses at night and on dark days.

The house occupied by Burt Jackson and A. V. Jackson, Jr., at Bowmanville, was destroyed by fire last Saturday noon. The house was owned by the former. The loss is partly covered by insurance.

Charles Held, the well known florist, died December 20 at his residence, 922 North Campbell avenue, aged 45 years. He had been in poor health for several years. He had many friends in the trade who deeply regret his demise in the prime of life. Interment was at Waldheim last Sunday. He leaves a widow and four children. Mr. Held had accumulated some little property and leaves his family in very fair circumstances. When he moved his establishment to North Campbell avenue he was surrounded by open prairie, but this section is now solidly built up.

Mr. O. P. Bassett has moved into his handsome new residence at Hinsdale.

BUFFALO.

Now the hurly-burly's done, now the battle's fought and won, we can gasp and look over our profits, for some profits there must be, even if in some lines we were not successful.

It was a misfortune that the 24th fell on a Sunday, for we scarcely knew "where we were at." It is very unlikely that the same climatic conditions prevailed throughout the north, but locally we were much blessed. The last three days of the week were bright and even warm, the temperature going up to 45 degrees every day. This was an especial favor for Saturday, for then was when the largest quantity of plants were delivered. To many it was a great saving of time and labor. In fact, if Friday and Saturday had been as it is at this moment, we could scarcely have got the orders off at all, and then the scolding that would have followed! Sunday was warm and wet and Christmas day cold and clear.

It was as we predicted, a great plant time, and color was wanted. Palms were asked for less than formerly. Poinsettias took the lead, and in pans of five or six dwarf plants they went much faster than single plants, yet as single plants at \$1 an immense quantity was sold, as were five or six fine ones in fancy baskets, with Boston fern, which brought from \$5 to \$10. Azaleas sold well, and if well flowered would all have gone at a good, profitable price. There were not many cyclamen offered. Pans of Romans sold very well. When a good 5-inch pot of Gloire de Lorraine begonia can be retailed for \$1, it will be a fine Christmas plant, although there are plenty of people who rebel at its purplish pink color. There were plenty of nice little orange trees offered, but they seem to have had their day. Medium sized pots and pans of Boston fern sold remarkably well; the public knows what an admirable house plant this is.

In the aggregate there was a large

quantity of other stuff sold, including *Primula obconica*, Chinese primroses, begonias, bottle brush. Altogether, from personal observation would say that there was 30 per cent more plants handled than ever before.

There is not so much congratulation over the cut flower trade. There is kicking in various quarters. There was too much of the same old story: "Flowers very scarce," and then they came tumbling in by the barrellful on Sunday. Trade was quite brisk on Christmas morning, but there was never more than enough to supply it, and if much is left over you lose all the profit on what is sold. Several thousand violets will go to deodorize the perfume of the garbage wagon.

It is perhaps true, as someone said, that whatever we get, we do not get enough for our plants and flowers; but the public don't philosophize that way, and they shy at Beauties at \$1.50 each, violets at \$4 per hundred and Bridesmaids and Meteors at \$4 and \$5 a dozen. There are a few people who will pay anything, the higher the price the better they like it, but they are the great exception, and our steady customers revolt against what they consider extortion. I want to tell some commission men that "Ethel Crocker" carnation may sell at \$2 per dozen in Philadelphia, but they won't here. All we want is carnations that sell at \$1 a dozen.

When we consider the great quantity of plants sold for gifts, how can we expect the cut flower part of the business to be what it was a few years ago, and it is not. Ribbon was used quite largely and few plants went out without being trimmed with colored paper. The bare pot was seldom seen, and the paper is assuredly a great addition to the attractiveness of the plant.

Holly was cleaned up, but there was less demand for ground pine. The Christmas tree has grown in fashion till now they come by carloads, and the supply was sadly overdone. We noticed in a New York paper a long article on Christmas, the tree, its history, and the sources of supply, etc. Maine, it appears, supplies largely New York city. The author said: "The Christmas tree was introduced to Britain by the Saxons, and from England we got the Christmas tree with other things." I think he or she is wrong; the introduction of the Christmas tree into England was not over fifty years ago. It is to the Germans we owe the Christmas tree. "Render unto Caesar the things which are Caesar's." The weinerwurst and saurkraut, the fragrant limburger, the sainted Santa Claus and the beautiful Christmas tree are distinctly German. The holly and mistletoe are English and, although their use here is not over twenty-five years, and in general use much less, the holly is now so universally used that we noticed sprays of it in the humblest home.

There has been and is still going a continuous round of entertainments,

which helps business in general. Altogether we have reason to be thankful. The aggregate of business done must be an advance, and the elements were with us—both for the grower and retailer.

I failed to mention that, with the exception of Romans and paper whites, of which there was plenty, we saw no other bulbous stuff, and there was not the slightest occasion for their appearance. And I would add, in conclusion, for the benefit of Mr. E. M. Wood, that the finest Maids and Brides that came to town were grown by Mr. Guenther, of Hamburg, under butted glass.

W. S.

NEW YORK.

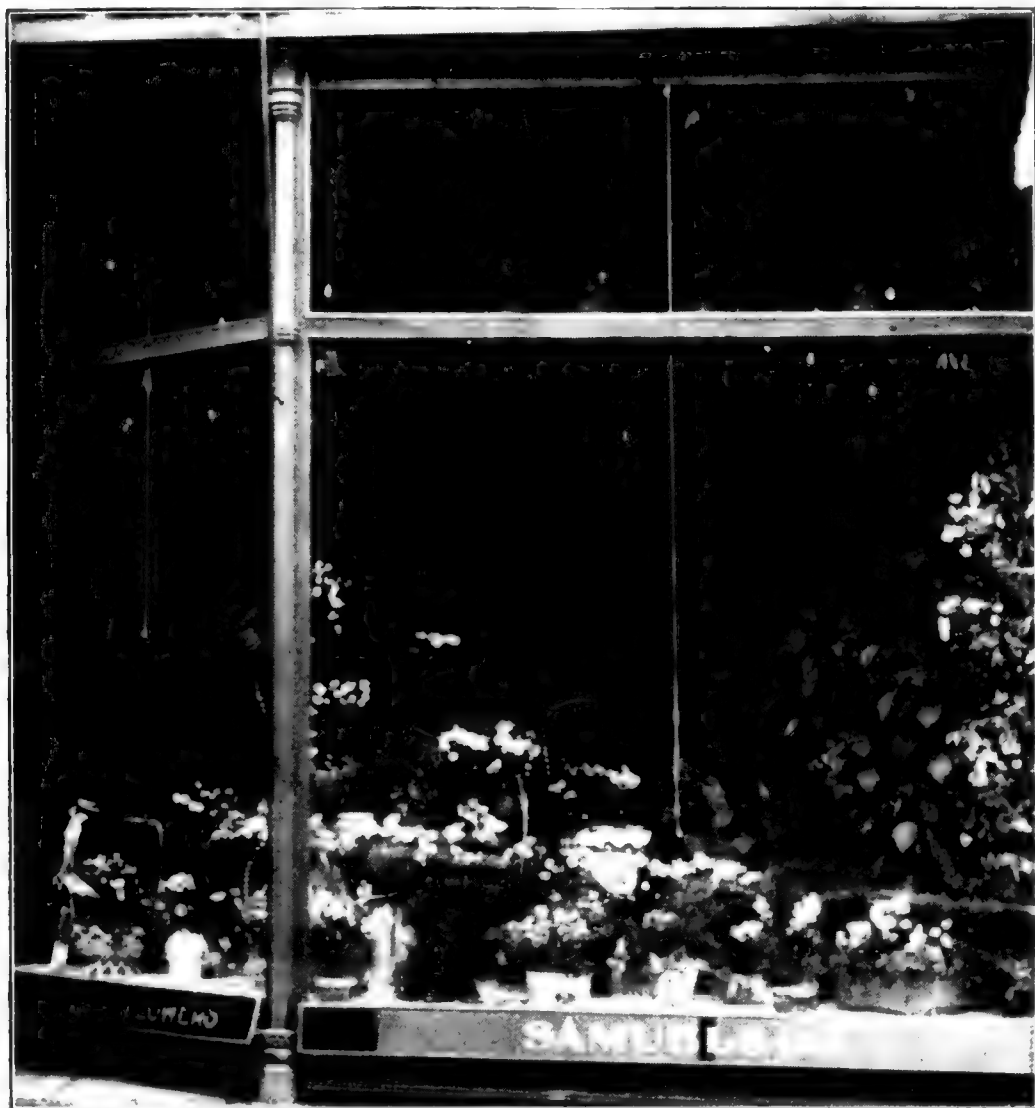
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Roses were not so plentiful. Growers complained of much dark weather the last two months. Harrisii were in fair supply, though there was not enough to go round. They seem to be

coming in a little later this season with most growers.

Paper whites and Romans are entirely too plentiful and, as is always the way, when a thing is plentiful the people don't seem to want it. Good lily of the valley comes in very regularly still from cold storage stock. The Cut Flower Company handles much Asparagus Sprengeri and strings of plumosus.

The commission house of G. L. Huscroft has been purchased by Mr. John B. Ferguson, the East End florist and landscape gardener, Mr. Huscroft selling on account of poor health.

Mr. W. Belssner, the grower at Carrick, near this city, died last Sunday morning, aged 65 years.

Mr. C. Blind, West View, is building a new house 25x150 for bedding stock. BAER.

ST. LOUIS.

Christmas Trade.

Christmas trade was never better, and, from all the reports that I can gather at this early date, everybody had all they could do. All hands were at work early and late and, as there was plenty of funeral work, many had to work all night Saturday in order to fill their orders for Sunday delivery. A good thing for the retailer was that white stock of all kinds was plentiful and prices not too high. The retailer, grower and wholesaler say they have not had a better trade at Christmas in years.

The rose stock that came in was more of the second quality, although good prices were obtained. Carnations were plenty and of good quality, especially white, with prices up to the average year. Violets were scarce and brought top prices. Bulb stock was a great glut and lots of it will be dumped by the wholesalers. Romans and paper whites could be had at your own price. Valley held its own and callas sold well. Those who handled plants report an exceptionally good demand both for green and flowering plants. Quite a lot of ferneries were filled and sold.

Prices.

Prices on stock were as follows: Select Beauties, very scarce, \$18 per dozen; second choice, \$12; Maids, Brides, Meteors, Perles and Carnots, first choice, \$18 to \$20 per 100; seconds, \$8 and \$12; Woottons, \$10. They were not so scarce as expected, yet the demand was great and satisfactory to the wholesaler. Carnations, fancy, \$8 per 100; others from \$4 to \$5. Some were sold as low as \$2 and \$3, but these were very poor. Good reds were scarce, but Scotts, Daybreaks and white plentiful. Bulb stuff, Romans and papers, sold at from \$1 to \$3, and hard to sell at that. From the looks of the commission houses every grower must have gone in heavy on bulbous stock. Violets, California, brought \$2

and \$3 per 100; small, single, 75 cents and \$1.

Not much is expected in the way of business for New Year's, but no doubt the prices will remain up until after the first of the year.

We were too much confined to business the past week to give any news notes and will close my letter for this week by wishing all the readers of The Review a "happy New Year."

J. J. B.

CINCINNATI.

The Christmas Trade.

Up to the 18th of December we had dark, rainy weather and the wholesale men were afraid to quote roses and carnations for holidays at any price. However, during Christmas week, with the exception of Saturday, we were favored with bright, clear weather, and our growers were able to cut nearly twice as much stock as they had anticipated.

Poinsettias were largely grown this year and sold well. The majority of the blooms were medium sized and brought \$25 per 100. Harrisii were limited and went slow at 15 cents. Bulbous stock was plentiful, of good quality, and sold fairly well at \$3 to \$4 per 100. Saturday was a miserable day, rain falling from morning till night, just enough to keep the flower-buying people at home.

Christmas falling on Monday kept the commission men guessing as to just when they would want the bulk of their stock. Friday proved to be the best day, although considerable shipping was done on Saturday and Sunday. Christmas morning was clear and cold, the thermometer registering 18 degrees above at 8 a. m.—not exactly the weather desirable for delivering plants.

Your scribe called at the downtown stores on Monday, and after waiting 15 or 20 minutes to see the boss, secured the following information:

J. A. Peterson reports business very good, considering the weather. The sale of cut flowers equals that of last year, which is saying a good deal. Plant sales beat anything on record, cyclamen, azaleas and poinsettias selling best. Foliage plants, such as palms, dracaenas, etc., went slow.

A. Sunderbruch's Sons: Christmas trade almost double that of last year. They had fine stock and plenty of it. With them plants went very slow. Prices were about the same as last year.

B. P. Critchell: Broke even with last year. If the weather Saturday had been favorable, would have run way ahead. Had stock enough except Beauties. Did well with holly and festooning.

E. G. Gillett: Sales short of former years. Prices as a rule were better except on bulbous stock, which was a glut with him. Could have sold more fancy carnations and good roses.

J. M. McCullough's Sons: Sales about 25 per cent better than last year. Could have sold more colored flowers. Bulbous stock sold readily, but cheap.

Ohio Cut Flower Co: Sales fell short of previous years. Bulbous stock went slow. Don't know if we could have sold more roses if we had them. Prices realized were about the same as last Christmas.

Cincinnati Cut Flower Co.: Business and prices about the same as last year. Plenty of stock, with the exception of colored roses, especially Beauties. Romans the only thing that went slow. "Glad Christmas is over." B.

SAN FRANCISCO.

Christmas, the season of all seasons, has rolled around again, and finds the florists very busy all over town in all kinds of work. The grower is also busy holding back his stock of flowers. As a consequence, carnations are scarce this week. Very few fancy carnations are to be seen at the stores. Roses are more plentiful, because they refuse to be canned or pickled like the carnation. Holly wreaths are in great demand and sell at a nice profit to the makers. The rains have stopped and the weather looks as if it will be a Christmas of sunshine instead of snow and storm.

Prices are advancing on all kinds of stock and the florists' and growers' harvest has begun. Portias, 25, 30 and 35 cents per doz.; Scotts, 30 to 40 cents per doz.; Fancies, Flora Hill, Triumph, 50 cents to \$1 per doz. Rose prices are slightly higher than last week. Violets are of good quality and about equal to the demand. Californias, \$1 to \$1.50; Princess of Wales, \$1.50 to \$2 per dozen bunches. Freesias, 25 cents; Roman hyacinths, 3 dozen for \$1; paper whites, \$1.50 per 100.

J. P. Koller has opened a store at 902 Broadway, Oakland. The stand looks like a good one and it is hoped that he will meet with success.

George N. Miller, florist, on New Broadway, Oakland, is thinking of retiring from business. Old age is the cause. Mr. Miller says he had an offer from one of Oakland's dry goods stores to pose as Santa Claus. "What does the public want?" Is the florist's art not enough for them?

Asparagus Sprengeri as a basket plant sells readily and many fine specimens are to be seen at the various stores.

The little baby rose, Cecil Brunner, is a good seller in this market and is always in demand.

Antonia & Figona have opened a store on Sutter St., near Kearney. The location is a good one. It is a good move.

Mr. Peter Nicholson, our Haywards grower, is bringing in some of the finest American Beauties ever seen in this market in a long time, and shows the great care Mr. Nicholson has taken

with his plants. The boys around town say that he sleeps with his plants. "I can hardly believe it." He has got married lately.

Mr. John Carbone, of Berkeley, is supplying J. Suelberger, Seventh St., Oakland, with some very fine blooms of Minnie Cook carnations.

E. Gill, Washington St., Oakland, has been making a fine display of outdoor grown Belle Siebrecht roses. They go rapidly at wholesale, Mr. Frank Pelecano, the Kearney St. florist, getting the bulk of them.

J. J. Pouyals, florist, 1211 Polk St., San Francisco, had a runaway Dec. 10. A collision between his horse and wagon and a cable car resulted disastrously to the horse, which had to be killed, and caused a panic among the passengers in the car, besides injuring a policeman, a boy and the driver, Joseph Konigsberg. The horse dashed against the side of the car, smashing two of the windows, and the horse in its struggles to rise kicked the policeman on the knee, knocking him out.

J. N.

PHILADELPHIA.

The florists report an old-time Christmas, some of the leading ones have been working night and day filling orders. Both flowering and foliage plants sold well and there was a big trade in oranges, Jerusalem cherries and fruited ardisia. Begonia Gloire de Lorraine took the lead in flowering plants, with the prices ranging from \$2 to \$8 each. Plants of good shape and well flowered, in 8-inch pots, sold readily at \$8 each, retail. This is without a doubt the best novelty in the way of a flowering plant yet introduced and we believe it is here to stay. It flowers continuously from December to May.

Joseph Kift & Son, who were the first to introduce them in this city, made a specialty of filling Parisian baskets. Their gardener, Wm. Spott, deserves a great deal of credit for the taste he displayed in arranging them.

Prices.

Beauties, \$3 to \$9 per doz.; Brides, Maids, Kaiserins, Meteors and Golden Gate, \$6 to \$12; Gontiers, \$4 to \$8; Perles, \$4 to \$10; Liberty, \$15 to \$50; cypripediums, \$15; carnations, \$2 to \$5; hyacinths, \$2 to \$4; valley, \$3 to \$5; narcissus, \$2 to \$4; violets, single 75 cents, double 75 cents to \$1.50; mignonette, \$3 to \$4; smilax, \$15; asparagus, \$50; cuneatum, \$1.

Penna. Hort. Society.

At the meeting December 19 the society decided to hold a spring flower show March 20, 21, 22 and 23, upon lines similar to that of last season. The committee on establishing premiums is composed of Edwin Lonsdale, W. Atlee Burpee, John G. Gardner, John Westcott, W. K. Harris and John McCleary.

Letters were read from the Depart-

ment of Agriculture at Washington and the Division of Pomology, asking for photographs of Horticultural Hall and the officers of the society, to have place in the department's exhibit at the Paris Exposition, and advising of arrangements in progress for supplementing the show there of apples of 1899 with the early fruits of 1900 in their season.

Secretary Rust reported premiums offered by Henry F. Michell for competition at each of the monthly meetings of 1900; also at the March and November shows.

Fourteen new members were elected and fourteen others were proposed for membership.

The exhibit of the meeting was of seedling orchids from the houses of George B. Wilson, West Philadelphia, shown by the gardener, Alphonse Perrecot. One, the Cyp. "G. B. Wilson," was grown by the exhibitor. The judges, Edwin Lonsdale, J. D. Eisele and J. McCleary, recommended a silver medal for the Cattleya Percivaliana alba, a certificate of merit for the Cattleya cross of grandiflora and Eldorado alba, and honorable mention for the others; also a vote of thanks for the superb display.

Officers were chosen as follows: President, Jas. M. Rhodes, Ardmore; vice-presidents, Henry F. Michell, Robert Craig, George Goebel, M. D., Edwin Lonsdale; treasurer, Sidney W. Keith; secretary, David Rust; botanist, Thos. Meehan; entomologist, Dr. H. C. McCook, D. D.; chemist, Dr. Persifor Frazer. Executive council, John Westcott, Dr. J. Cheston Morris, Moses Paxson, W. K. Harris, Chester Davis, Thomas Long and John McCleary.

FLATBUSH, N. Y.

Flatbush growers practically all sold out of flowering plants and say it has been the best "plant Christmas" on record.

Charles Zeller & Sons, who have for many years made a specialty of small orange trees, say they could have sold twice as many as they had ready and that was over 800 trees. They were grand this year and every store of any account had some.

Carl Woerner, manager for Mrs. Meissner, reports splendid business, not alone in flowering stock but also in palms, ferns and general decorative plants.

Louis Schmutz made a great strike with primulas and his remarkable novelty, the new "Pepper." It has been a busy season with him.

David Mellis wishes it came oftener. Business has been extremely good with him, to be sure. His decks are ready for Easter now.

As to the cut flower growers, Dailledouze Bros., as usual, have had a very busy time of it. Their carnations have been superb. Their new carnation, "666," has been bringing the highest price on record for carnations

in New York; it is certainly the largest we've seen.

Clem Wocker reports business entirely satisfactory. His carnations have done well so far.

To strangers visiting New York we would say, spend a day among the Flatbush growers; you will learn and see something new, meet the best natured lot of boys in the country, and if you happen to be there on a Thursday night you'll have a good time on the alleys. On the evening of December 28th the club will roll for the "mysterious prizes," which contests always provoke the utmost hilarity. The following were the scores rolled December 21st:

	Official.	Unofficial.
L. Schmutz	115 151	113 121
E. Dailledouze	172 169	...
H. Dailledouze	105 108	...
C. Wocker	81 115	149 123
P. Riley	125 164	156 145
P. Dailledouze	117 150	...
C. Woerner	113 130	124 146
Papa Zeller	79 116	118 94
A. Zeller . . . . .	...	134 149
S. Butterfield	101 107	114 ...
A. Swalsbach . . . . .	...	153 143
J. Donlan	193	154 133

J. I. D.

CHRYSANTHEMUM SOCIETY.

Work of the Committees.

BOSTON, DEC. 16.—Nathan Smith & Son, Adrian, Mich., exhibited Superba, a silvery pink Jap. Inc., which scored commercial scale 88 points.

CINCINNATI, DEC. 16. — Superba before this committee scored commercial scale 91 points.

PHILADELPHIA, Dec. 19.—Ant. C. Zvolanek, West Hoboken, N. J., exhibited Miss Florence E. Denzer, a light pink Jap. Ref., which scored commercial scale 83 points.

BOSTON, DEC. 20.—Miss Florence E. Denzer before this committee scored commercial scale 86 points.

ELMER D. SMITH, Sec'y.

TORONTO.

The annual meeting of the Toronto Gardeners' and Florists' Association took place in St. George's hall, December 19. The treasurer reported a balance on hand of \$105, and a membership of eighty-five. The election of officers resulted as follows: President, W. Jay; vice-president, W. Grainger; secretary, W. Jay, Jr.; associate secretary, E. Collins; treasurer, G. N. Mills. Executive committee: Thos. Manton, W. Manton, G. W. Goodier, Alonzo Watkins, F. Brown, John Chambers, W. Woods.

CLEVELAND.

Christmas trade was generally satisfactory. There was a large increase over last year in both plants and cut flowers.

J. M. Gasser reports quite a demand for good cattleyas and other orchids. Also for violets. He alone disposed of 10,000, and ran short.

SAMUEL S. PENNOCK.**Wholesale****→Florist**{ Until further notice, will be open from }
6:00 a. m., to 11.00 p. m.**American Beauties and Valley****Our
Specialties.****1612-14-16-18 Ludlow St., Philadelphia, Pa.**

Mention The Review when you write.

THE LAWSON CARNATION.

Editor Florists' Review: In your issue of Nov. 23 it is stated that Dailedouze Bros. had placed their order for 20,000 Lawson carnations and Robert Craig for 16,000. It should have been the Chicago Carnation Co. 20,000 and Robt. Craig & Son 16,000. The latter have now ordered 19,000. The order of Dailedouze Bros. is for 10,000. **PETER FISHER.**

Ellis, Mass., Dec. 11.

SOCIETY OF AMERICAN FLORISTS.**Plant Registration.**

Benjamin Dorrance registers new rose Sara Nesbitt, a sport from Madame Cusin, a size larger than the parent. Color, light pink, very delicate, shading deeper in center; does not grow dark in summer weather; a better grower than Madame Cusin; habit otherwise identical.

WM. J. STEWART, Sec'y.**SIGOURNEY, IA.**

Mr. Henry Schroeder, our local nurseryman, read a very interesting paper on "Early Plums" at the twenty-fourth annual session of the Iowa State Hort. Society at Des Moines, Dec. 12 to 15.

He has had it reprinted, as also a paper read by him at Mt. Pleasant, November 22, and will no doubt be willing to mail copies to friends in the trade.

GERMANTOWN, PA.

After a discussion by John Welsh Young on the subject of "Roses" at the meeting of the Germantown Horticultural Society December 11, an election of officers for the ensuing year took place, resulting as follows: President, Edward Neville; vice-presidents, Chas. J. Wister, Albert Woltemate and Roberts Le Boutillier; secretary and treasurer, George Redles.

WAVERLY, IA.—Mr. and Mrs. P. A. Case have started in the business with one greenhouse.

FULLERTON, CAL.—The nursery firm of Richman & Mills has leased new grounds near Placentia that will double the size of their establishment.

UNIVERSITY PARK, COLO.—Albert O'Brien sold his lease to Lyle C. Waterbury, which brings the latter back after an absence of over two years.

PITTSBURG CUT FLOWER CO., Ltd.

WHOLESALE FLORISTS.

Long Distance
Phone 2157.**CONSIGNMENTS SOLICITED.****No. 504 Liberty St.,****FLORISTS' SUPPLIES.**

Write for Price List.

PITTSBURG, PA.

Mention The Review when you write.

Asparagus PlumosusCut Strings
8 feet long.
50c per string.**Nanus**Shipped
to any part
of the country.**W. H. ELLIOTT,
BRIGHTON, MASS.**

Mention The Review when you write.

Galax Leaves**GREEN
and
BRONZE**New Crop, finest stock only
for the Holiday Season.

The Introducer,

HARLAN P. KELSEY,

1106 Tremont Building, - - - BOSTON, MASS.

Mention The Review when you write.

Real Estate,Land with or without Greenhouses
in different parts of the United States.

BARGAINS can be had and opportunities opened
for profit. Write for particulars and state
your requirements.

SMITH & SMITH,**345 Sixth Ave., PITTSBURG, PA.****Brokers in Real Estate,****Glass, Pipe, Boilers, etc.**

Mention The Review when you write.

PANDANUS VEITCHII**Vigorous Shapely Plants.**

6-in. pots, \$1.00 each. 7-in. pots, \$1.50 each.
8-in. pots, \$2.00 each.
Discounts on large orders.

JOHN WELSH YOUNG,Upsal Station, Penna. R.R. **Germantown, Pa.**

Mention The Review when you write.

The MODEL Extension Carnation Support.

Read what some of our best growers say concerning it.

Flatbush, Brooklyn, N. Y., Feb. 18, 1897.

Mr. Theron Parker. Dear Sir: Your wire stake is
certainly a gem. Without hesitating we endorse it as an
up-to-date Carnation Support. Yours truly,

DAILEDLOUZE BROS.

Write for prices.

THE MODEL PLANT STAKE CO.,**226 No. 9th Street.****Brooklyn, N. Y.**

Mention The Review when you write.

GIVE US
A
TRIAL.
WE CAN
PLEASE
YOU.

Roses,
Carnations
and all
kinds of
Seasonable
Flowers
in stock.



WM. F. KASTING, Wholesale Com-
mission Florist.
481 Washington St., BUFFALO, N. Y.
Also Dealer in Florists' Supplies and Wire
Designs.

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WM. J. BAKER,**WHOLESALE
CUT FLOWERS,****1432 S. Penn. Square, PHILADELPHIA, PA.****Original Headquarters for CARNATIONS.**

Mention The Review when you write.

Cut Flower Exchange,**404 - 412 East 34th St., New York,****NEAR THE FERRY.**Open Every Morning at 6 o'clock for the sale of
CUT FLOWERS.

Wall space for Advertising purposes to Rent.

J. DONALDSON, SECRETARY.

Mention The Review when you write.

Kennicott Bros. Co.**42 and 44 E. Randolph St.****CHICAGO.**

WHOLESALE..... Cut Flowers and
Florists' Supplies

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SELAGINELLA DENTICULATA, 2-inch,
per 100, \$2.00.

They are all right for Christmas sales.

Primroses, 3 and 3½-in. pots, \$5.00 per 100.**E. I. RAWLINGS, QUAKERTOWN, PA.**

Mention The Review when you write.

M. RICE.

B. ESCHNER.

Cable Address,
"VANDAL,"
Philadelphia.

M. RICE & CO.
Importers and Manufacturers of
Florists' Supplies,
918 FILBERT STREET.

PHILADELPHIA, Pa., December 27, 1899.

COMPLIMENTS OF THE SEASON.

We take this opportunity of expressing our thanks to our friends in the trade for their liberal patronage during the year, which has been a **record breaker** with us, and we trust it has been equally so for you.

Wishing you a happy and prosperous new year, we are,

Yours respectfully,

M. RICE & CO.

Mention The Review when you write.

ESTABLISHED 1802

THORBURN'S SEEDS

JAPAN LILIUM LONGIFLORUM.

	Per 100.	Per 1000.
5 to 7 inches circumference,	\$2.50	\$20.00
6 to 7 " " "	2.75	25.00
7 to 9 " " "	4.50	40.00

**LILY OF THE VALLEY
and LILIUM AURATUM.**

Prices on application.

J. M. THORBURN & CO.

(Late of 15 John Street)

36 CORTLANDT STREET, NEW YORK

Mention The Review when you write.

CHOICE STOCK**For Christmas Trade.**

Cyclamen, 4 colors, 2½-inch pots, \$3.00 per 100.
Asparagus Sprengerii, 2½-inch pots, extra strong, \$6.00 per 100.

Asparagus Sprengerii, 3-in. pots, very large, \$8.00 per 100.

Primroses (Chinese) 3-in. pots, \$5.00 per 100.

" " 4-in. pots, 8.00 "

" " 6-in. pans, 8.00 per doz.

(Obconica Grandiflora and Hybridum) same size and price as Chinese Primroses.

All are in bud and bloom.

NATHAN SMITH & SON, Adrian, Mich.

Mention the Review when you write.

PLANTS AND CUTTINGS....

Begonias, best flowering varieties, 4-in. pots, \$1.00 per doz., \$8.00 per 100. Umbrella Plants, 4-in. pots, \$1.00 per doz., \$8.00 per 100. Ferns, Pteris tremula, 2-in. pots, 50c per dozen, \$4.00 per 100. Vincas, center of foliage yellow, 2½-in. pots, 50c per doz., \$3.00 per 100. Geraniums, best bedding varieties mixed, in fine growing condition, 2-inch pots, \$2.50 per 100. Geraniums, rooted cuttings, \$1.50 per 100. Rooted cuttings of Fuchsias, Heliotrope, Chrysanthemum frutescens, per 100, \$1.00. Rooted cuttings of Alternanthera, red and yellow, Ageratum, blue and white, Dwarf Micanthea, Coleus, best bedders, 50c per 100. Carnation Mrs. Fisher, rooted cuttings from soil, \$1.25 per 100.

C. LENGENFELDER, ELGIN, ILL.

Mention The Review when you write.

Greenhouse Woodwork

Open-air-dried Cypress Lumber is more durable, and better suited to Greenhouse conditions than kiln-dried stock. But you cannot get it from those that are engaged in the business in a small way—even though their entire business is confined to greenhouse material—for it takes a long time for the lumber to thoroughly dry and this means an investment in lumber that only those of large capital can make. The only way to have air-dried lumber is to buy green lumber and hold it until it dries. Those that order dry lumber from the producers of Cypress get kiln-dried stock. It is cheaper for them to kiln-dry than to hold the stock long enough to season it in the open air. We carry a large stock and fill all orders with open-air-dried Cypress clear of knots, sap and all other defects.

WRITE FOR CIRCULARS
OR ESTIMATES.**Lockland Lumber Co.**

LOCKLAND, OHIO.

Mention The Review when you write.

Burpee's Seeds Grow

PANSIES...WORTH RAISING

Good Plants by express, \$2.50 per 500;
\$4.00 per 1000. Seed as usual.

C. SOLTAU & CO., 199 Grant Avenue,
JERSEY CITY, N. J.

Mention The Review when you write.

Cabbage Plants, Jersey Wakefield and other varieties, from cold frame transplanted, 25c per 100; \$1.50 per 1000; \$12.50 per 10,000, if by mail, add 20c per 100.

LETTUCE, Boston Market, Tennis Ball, Curled Simpson, Grand Rapids and other varieties, 15c per 100; \$1.00 per 1000; \$8.50 per 10,000, if by mail, add 10c per 100.

Other Vegetable plants in season. Cash with order.

B. VINCENT, Jr. & SON, White Marsh, Md.

Mention The Review when you write.

Always Mention the....

Florists' Review

When Writing Advertisers.

300,000 VERBENAS....

60 finest named varieties, including our new mammoth white, Mrs. McKinley, the finest white Verbena grown.

PERFECTLY HEALTHY. FREE FROM RUST.

Rooted Cuttings 60c per 100, \$5.00 per 1000.

Plants \$2.50 per 100, \$20.00 per 1000.

Our list is the choice from millions of seedlings.

Send for list. **J. L. DILLON, Bloomsburg, Pa.**

Mention The Review when you write.

EDWARD B. JACKSON, Wholesale Florist.

HARDY HERBACEOUS PLANTS ONLY.

In any quantity for the least money.

STAMFORD, CONN.

EVERY FLORIST
OUGHT TO INSURE
HIS GLASS AGAINST **HAIL**

FOR PARTICULARS ADDRESS

JOHN G. ESLER, Sec'y, SADDLE RIVER, N. J.

Mention The Review when you write.

E. H. HUNT

THE "OLD RELIABLE" FOR

**Wholesale
Cut Flowers**

Hunt's Flowers Go Everywhere.

76 Wabash Ave. CHICAGO.

Mention The Review when you write.

PEORIA, ILL.

The florists of this city are well pleased with their Christmas trade. Carnations sold at 75 cents a dozen and cleaned up well. Of roses Maids, Meteors, Brides and Perles went at \$1.50 to \$2.00 a dozen, and at these figures there were good sales. Cole Bros. cut 8,000 carnations from their benches, including some fine Bradts. Louis Miller cut a good many violets and Cole Bros. took the whole cut. Chas. Loveridge had a nice crop of Beauties and carnations.

J. C. Murray's roses and carnations were in just right and from some benches containing 3,000 carnation plants 2,000 blooms were cut in four days. Henry Baer is in charge of the carnations and is to be congratulated on his success.

The plant trade was excellent. Cole Bros. had a house of azaleas and a quantity of Boston ferns that were remarkably fine. J. C. Murray disposed of 100 azaleas, also many primulas and cyclamens.

Kuhl's store reported an excellent trade. Mr. Kuhl was the only florist having Harrisii lilies.

Green was a drug in the market, the commission men selling it as low as 2 cents per yard and not cleaning up at that. Holly went well, as did also Christmas trees. J. R.

FREEPORT, ILL.—John Bauscher, Jr., has finished the erection of several large modern houses that make an important addition to his establishment.

JOLIET, ILL.—A. R. Starr, the veteran florist, is dead. Death was due to paralysis, from which he has suffered for several months. He was born in Ithaca, N. Y., in 1832 and settled in this city in 1871. He leaves a widow and three married daughters.

REINBERG BROS.Wholesale Growers of. **CUT FLOWERS.**

800,000 feet of glass.

Headquarters for fine AMERICAN BEAUTIES.

51 Wabash Avenue. CHICAGO.

Mention The Review when you write.

Removal Notice.

Monday, January 1st,
we will remove to
Nos. 32, 34, 36 RANDOLPH STREET.

We will be prepared to furnish the CUT-FLOWER TRADE with the best in the market and expect that the increased facilities will enable us to cater to their wants even more successfully than in the past.

E. C. AMLING,

W. S. HEFFRON, Mgr.

51 Wabash Ave., CHICAGO, ILL.

Mention The Review when you write.

Bassett & Washburn**76 Wabash Ave., CHICAGO, ILL.**Wholesale Growers of and Dealers in **CUT FLOWERS**

Greenhouses at Hinsdale, Ill.

Mention The Review when you write.

**W. E. LYNCH
Wholesale Florist,****19-21 E. Randolph St. CHICAGO.**

Mention The Review when you write.

A. L. RANDALL

Telephone 1498

**Wholesale Florist****4 Washington St., Chicago.**

In our new and enlarged quarters we are better prepared than ever to handle your orders.

Mention The Review when you write.

WHOLESALE GROWER OF ROSES. DEALER IN CUT FLOWERS.

J. A. BUDLONG,**37-39 Randolph St., CHICAGO, ILL.**

Mention The Review when you write.

Maplewood Cut Flower and Plant Co. GEO. M. KELLOGG, Pres.

Growers of CUT FLOWERS at Wholesale.

Regular shipping orders given special attention. We have the largest plant west of Chicago.

Store: 906 Grand Ave., KANSAS CITY, MO
Greenhouses; Pleasant Hill, Mo.

Mention The Review when you write.

WIETOR BROS.Wholesale Growers of **Cut Flowers.**

All telegraph and telephone orders
given prompt attention.

51 Wabash Avenue, CHICAGO.

Mention The Review when you write.

C. A. KUEHN WHOLESALE FLORIST

Cut Flowers and Florists' Supplies.

Manufacturer of the Patent Wire Clamp Flora Designs. A full line of supplies always on hand. Write for catalogue and prices.

1122 PINE STREET, ST. LOUIS, MO.

Mention The Review when you write.

**H. Berning**

WHOLESALE FLORIST,

1322 Pine Street, ST. LOUIS, MO.

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ELLISON & TESSON.

WHOLESALE SHIPPING

FLORISTS**3134 Olive Street, ST. LOUIS, MO**

...Home Grown Stock...

Mention the Review when you write.

Cincinnati Cut Flower Co.W. A. MANN
FRANK W. BALL416 Walnut St. **Wholesale Florists**
CINCINNATI, O.

Consignments Solicited.
Special Attention Given to Shipping Orders

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McKELLAR & WINTERSON

47 Wabash Avenue, CHICAGO.

→PLENTY OF STOCK for NEW YEARS←

Decorative Stock.

Smilax.....	per doz.,	\$1.50 to \$2.00
Asparagus	"	5.00 6.00
"	per string,	.50 .75
Adiantum.....	per 100,	.50 1.00
Common Ferns	"	.25
"	per 1000,	1.50
Galax Leaves	"	1.50
"	per 100,	.15

Special Low Prices on Wild Smilax for Holidays.

Parlor Brand, case	each,	\$3.00
Medium size, "	"	4.50
Large size, "	"	6.50
Needle Pines, small.....	dozen,	1.50
"	med.	2.25
"	large.	3.00
Sabal Palm Leaves	Per 100,	4.00
Palm Crowns.....	Per doz.,	3.00
Sheet Moss.....	Per bale,	1.00
"	Per bbl.,	3.00
Laurel.....	"	3.00
Laurel Wreathing.....	Per 100 yards,	5.00
Florida Gray Moss	Per bbl.,	4.00

Mention The Review when you write.

Specialties AT LOWEST POSSIBLE CHICAGO PRICES:

Fancy Roses, Carnations, Violets,
Stevia, Fancy Valley, Romans,
Narcissus, Poinsettias.

WE HAVE A GOOD STOCK OF.....

Green, Green Wreathing,
Laurel, Laurel Wreathing,
Holly, etc., for New Years Trade.

Red Winter Berries, fine for decoration, \$4.00
per bbl.

ORDER YOUR SUPPLY NOW.

Jadoo Fibre... and Jadoo Liquid..

Have been found
INVALUABLE to use with
soil in the growing of
FLOWERING and
FOLIAGE PLANTS.

Send for our catalogue.

The American Jadoo Co.

817 Fairmount Ave.,

PHILADELPHIA, PA.

Mention The Review when you write.

Always mention the Florists' Review when
writing advertisers.

JOHN B. FERGUSON, Wholesale Florist,

444 SIXTH AVENUE,

PITTSBURG, PA., Dec. 11th, 1899.

ANNOUNCEMENT.

I take pleasure in announcing to you that I have this day purchased the Wholesale Cut Flower and Commission Business of G. L. Huscroft & Co., No. 441 Sixth Ave., Pittsburg, Pa., and shall continue the business at the same address. I trust I shall receive from your hands the same fair treatment and patronage which you extended to the old firm, and take this measure of soliciting your patronage.

Respectfully,

JOHN B. FERGUSON.

REFERENCES—City Deposit Bank, Pittsburg; Lawrence Dilworth, of Dilworth Bros.

Kennicott Bros. Co. 42 and 44 E. Randolph St. CHICAGO.

WHOLESALE..... Cut Flowers and
Florists' Supplies

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GALAX LEAVES.

Chas. H. Ricksecker, Linville, N. C.

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BENTHEY & CO.

F. F. BENTHEY, Mgr.

WHOLESALE AND COMMISSION Florists. Consignments Solicited.

41 Randolph St. CHICAGO.

Mention The Review when you write.

8,000,000 HARDY CUT FERNS
at 75c per 1000.



My contract in Chicago has
been broken through a poor
paymaster.

Bouquet Green, 5c a lb.
Sphagnum Moss, 50c a bbl.

All orders by mail or telegraph
promptly attended to.

THOMAS COLLINS,
Hinsdale, Mass.

Mention The Review when you write.

INDIANAPOLIS.

Christmas trade here was the best known in years and everything sold at good prices. Carnations retailed at 75 cents to \$1.50; roses, \$1.50 up; violets also went well at a fancy price. The growers here got their share of the pudding in selling carnations at \$4 to \$6; roses, \$8 and upwards; violets, \$1.50 to \$2.

Blooming plants sold well. Azalea and cyclamen took the lead at good prices. The market florists felt a little blue on Saturday morning, as it was raining, but by evening were a happy lot, each one having had his share of the excellent trade. Taking the trade in general, they all had a "merry Christmas" and are looking for a "happy New Year." FRED.

TROUBLE AHEAD.

Editor Florists' Review: Kindly advise as to who is responsible for that (?) after the word "noble" in your late Buffalo notes. Is it the Buffalo correspondent, the editor, or the printer? We can forgive the printer much, the editor more, but if after honoring a poor worm like W. S. of Buffalo with all the offices within our gift—yea, even going beyond the limitations of sex and making him board of lady managers—he is going to insert such offensive punctuation marks when they are least deserved, we wish to know it right now. We will attend to his case in February.

THE ANANIAS SOCIETY.
Per W. N. R.

TIFFIN, O.—In the Tiffin Daily Tribune of December 20 appears a three-column description of the greenhouse establishment of Mr. Lewis Ullrich, together with an excellent portrait of that gentleman. From it we learn that Mr. Ullrich started into the greenhouse business in 1882 and now has fourteen large modern houses and that the large business is conducted in a thoroughly systematic manner.

WINCHESTER, MASS.—Carl J. Dane is building another house at the Hillcrest Conservatories. This is No. 3.

WILLIAMSTOWN, W. Va.—The greenhouse business formerly conducted by J. W. Fischer, who died last July, will be discontinued.

MARINETTE, WIS.—C. H. Gleason has moved his store to 1509 Main street.

BAYONNE, N. J.—The greenhouses of Paul Stier were damaged by fire to the amount of \$1,500, December 16. There was no insurance.

NATICK, MASS.—E. M. Wood & Co. will this winter build two large rose houses, each 20x350. The contract has been given to the Lord & Burnham Co., New York.

3,000 Primroses,

2¼-inch,
at \$2.00 per 100.

ROOTED CUTTINGS

GERANIUMS.	Per 100
Assorted, common.....	\$1.50
Best varieties.....	2.00
Mixed, per 1000.....	1.25
Mars, Happy Thought....	3.00
Mme. Bruant.....	2.50
Silver Leaf, rose scented....	1.50
Bronze.....	1.50
Mrs. Parker, Dble. Pink Sil-ver Leaf.....	4.00
Mme. Salleron.....	1.25
Freak of Nature.....	3.00
Ddouble New Life.....	4.00

MISCELLANEOUS.	Per 100
Coleus, fancy & large leav'd.	\$1.00
" " separate colors..	.80
" " mixed colors..	.80
Alternanthera, R. and Y., summer struck, pr 1000, \$9..	1.00
Alternanthera, R. and Y., per 1000 \$5.00.....	.80
Fuchsia, Trailing Queen....	1.50
Tradescandia Tricolor.....	2.00
Manettia (bicolor).....	2.00
Vinca.....	1.50
Salvia.....	1.25
Heliotrope.....	1.25

MISCELLANEOUS.	Per 100
Begonia Erfordii, Rex, Incarnata Gigantea.....	\$2.00
Impatiens Sultani.....	2.00
Forget-Me-Not (Winter Flowering).....	2.00
Fuchsia, assorted.....	1.50
Fuchsias, Sun Ray, Variegated, red, white and green.	4.00
Lemon Verbena R. C.....	1.50
Let us book your order now for the best late white Mum for florists' use, rooted cuttings.....	2.00

POT PLANTS

GERANIUMS.	Per 100
Mrs. Parker.....	\$6.00
Happy Thought, Silver Leaf, 2¼-in.; Mrs. Pollock, 2¼-in.	4.00
BEGONIAS.	Per 100
Rex, assorted, 2¼-in.....	\$1.00
" named.....	6.00
Inc. Gigantea, 4-in., ready for 6-in. pots.....	\$15.00
Inc. Gigantea, 2¼-in., ready for 4-in. pots.....	\$4.00 to 6.00

MISCELLANEOUS.	Per 100
Double White Stock, 3-in....	\$3.00
Forget-Me-Not (Winter Flowering), 2¼-in.....	4.00
Lemon Verbena, 3-in., 4-in., 6-in.	\$3.00, \$4.00, 6.00
Primroses (in bud) 2¼-in....	3.00
Primula obconica, 2-in.....	2.00
in flats..	1.50

MISCELLANEOUS.	Per 100
Hydrangea Pink, 3-in.....	\$3.00
Anthericum, 3-in.....	6.00
Dracaena Ind. (in flats)....	5.00
Vinca, 3-in.....	5.00
Mignonette, 2-in.....	2.00
Manettia bicolor, 2¼-in....	4.00
Fragrant Calla, 2¼-in., \$1.50 doz.	
Fragrant Calla, 4-in., 3.00 "	

Terms Cash or C. O. D.

GREENE & UNDERHILL, Watertown, N. Y.

Mention The Review when you write.

The Cottage Gardens, Queens, N. Y.

Novelties and Standard Sorts of.....

Carnations, Geraniums, Cannas,
Chrysanthemums, Dahlias, and other
Florists' Specialties.

We Carry.....Not the cheapest but the best stock.

Not the largest number but the best selected list of varieties.

We carry no trash in our stocks. All useless varieties discarded and stock destroyed.

In buying from us you will get full value for your money.

Our Illustrated and Descriptive Trade List will be mailed you in January. Meanwhile, upon writing us, you can get special quotations upon such stock as we have ready for immediate shipment.

BEFORE BUYING send for our list.

C. W. WARD, Manager.

Mention The Review when you write.

IMPORTANT.

Every retail Florist should have our descriptive wholesale price list of SPECIALTIES, there is money in it for every man in the trade, a few of the good things mentioned below.

VERBENAS, 20th Century set 32 grand mammoth varieties selected from over 100 of the choicest, including the latest Capt. Dreyfus, Helen Gould, Melba and many others. Clean, healthy vigorous plants of the most fascinating colors and shades. Extra strong 2-in. full of cuttings, \$2 per 100; \$18 per 1000; extra strong rooted cuttings, 60c per 100; \$5 per 1000.

DBL. FRINGED PETUNIAS, Dreer's and Henderson's latest, known the world over as the standard of perfection, 12 gorgeous varieties. True to name. Extra strong 2-in. \$2 per 100; \$18 per 1000; extra strong rooted cuttings, \$1 per 100; \$8 per 1000.

5000 GERANIUMS, Bruanti (the grand scarlet bedder), S. A. Nutt, La Favorite, Athlete and Sweet Scented, strong 2¼-inch, 3c; \$27.50 per 1000.

NEW GIANT CALIFORNIA AND WHITE MARGUERITE and New Golden; they sell on sight, extra strong 2¼-in., \$2.50 per 100; extra strong rooted cuttings, \$1 per 100.

SALVIA SPLENDENS, the old stand by, no other so good, extra strong 2¼-in., \$2.50 per 100; extra strong rooted cuttings, \$1 per 100.

AGERATUM PRINCESS PAULINE, the great novelty of '98, the only one to grow. Extra strong 2¼-in. \$2.50 per 100; extra strong rooted cuttings, \$1 per 100.

SHILAX, extra strong, bushy seedlings (sown the first of August), fine plants, 50c per 100; \$4 per 1000 by mail.

VINCAS, MAJOR AND VARIEGATA, extra strong rooted cuttings, \$1 per 100.

1000 BRIDESMAID ROSES, strong 2¼-in. and 3-in., \$2.50 per 100; \$20 per 1000.

TERMS STRICTLY CASH WITH ORDER.

SOUTH SIDE FLORAL CO., - Springfield, Ill.

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Choice Plants for Autumn Sales.

JOHN H. LEY,

Good Hope, Washington, D. C.

Asparagus P. Nanus, 5-in. pots.....	doz., \$3.00
Ferns, 30 new and choice sorts, 4-in. pots, 100,	10.00
10 choice sorts, 2-in. pots.....	4.00
Nephrolepis Washingtoniensis, the finest new Fern this year, 4-in. pots.....	doz., 3.00
Adiantum Hybridum, new, elegant, 8-in., each	1.00
Cuneatum, extra large, 4-in. pots, 100,	10.00
Crotons, 12 finest sorts, colors fine, 4-in., doz.,	1.00
Peperomia Arifolia and Argyreia, 8-in.,	.50
Selaginella Africana, fine blue and others,	8-in. pots.....
doz.....	.50
Ferns, from flats, nice little plants for small pots, 10 sorts, 100 free by mail.....	1.25

Careful packing. Cash with order. Plants gratis.

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Onion Seed.

Choice Californian Grown. Strictly 1899 Crop.

500 lbs. Yellow Strasburg.....	\$.70 per lb
12 0 " Red Wethersfield.....	.70 "
700 " Prizetaker.....	1.00 "
1300 " Yellow Globe Danvers.....	.75 "
250 " Silver King.....	1.25 "
900 " Yellow Flat Danvers.....	.70 "
750 " Southport Yellow Globe.....	.75 "
300 " " Red.....	1.30 "
800 " Early Flat Red.....	.70 "

TERMS: 120 days, or 5 per cent. discount for cash.

PERRY WATSON & CO.,
Seed Growers, Sacramento, Cal.

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OUR PRICES

1900 Ready to Ship

Most of these plants were rooted and potted in September. Only 8 kicks in 8,700 shipments last year, ending July 1, 1899. We ship rain or shine, hot or cold. Our packing is complete. We want 500 orders a week.

	Per doz.	Per 100
New Geranium, DeRoo Mitting, 1899, 1.20	\$1.20	\$10.00
" Double Snow Drop, 1899, 1.20	1.20	10.00
New Yellow Baby Primrose, 2 1/4-in., 1899, 1.20	1.20	10.00
20 new Coleus, all named, the 20 for 1.00	1.00	4.00
30 standard Coleus, all named, 2 1/4-in., 2.00	2.00	
15 Begonias, Flowering, 2.00	2.00	
Variegated Vinca, 2 1/4-in., 2.00	2.00	
Forget-Me-Not, winter bloomer, 2 1/4-in., 2.00	2.00	
Primula Obconica, in bloom, 3-in., 3.00	3.00	
" 2 1/4-in., strong, 2.00	2.00	
" Chinese, 1.50	1.50	
Pansy Plants, Mitting's Giants, per 1000, \$3.50		
Velvet Plant, 2 1/4-in., 2.00	2.00	
Geranium, La Favorite, 2 1/4-in., 2.00	2.00	
Cannas, 10 varieties, all mixed, single eyes, 1.00	1.00	
Mesembryanthemum Erectum, basket plant, 2 1/4-in., 2.00	2.00	
California Moss, fine border or basket plant, 2 1/4-in., 2.00	2.00	
Lycopodium Dent., to fill in design work, 2 1/4-in., 2.00	2.00	
Dusty Miller, 2.00	2.00	
Feverfew, Little Gem, 2.00	2.00	
" Golden Foliage, 2.10	2.10	
40,000 Alternanthera, 4 varieties, yellow, pink, red and large pink leaved, strong, full of cuttings; potted last August, 2 1/4-in., 2.00	2.00	

R. C. Carnations Ready to Ship.

	Per 100
G. H. Crane, 1899, scarlet, 4.00	4.00
Glacier, " white, 4.00	4.00
Gomez, " dark red, 4.00	4.00
America, " scarlet, 4.00	4.00
Melba, " light pink, 4.00	4.00
Maud Adams, " deep cerise red, 4.00	4.00
Argyle, fine pink, our favorite, 1.50	1.50
Triumph, pink, 1.50	1.50
Daybreak, shell pink, 1.50	1.50
Morello, scarlet red, 1.50	1.50
Empress, dark red, 1.50	1.50

In three weeks we shall have Mrs. G. Bradt, Flora Hill, Mrs. F. Joost, Gold Nugget, White Cloud, Psyche, Mary Wood, New York, and the 1900 ones when ready. 5 plants at 100 rates. Let us estimate your wants.

The Morris Floral Co.

MORRIS, ILL.

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11,000 Dracaena Indivisa,

in 2-in. pots, \$3.00 per 100, \$25.00 per 1000.

ASPARAGUS PLUM. NANUS,

from flats, \$2.75 per 100.

(Cash, please.)

Send for list of testimonials of our Soil Pulverizer. No. 1, \$5.00; No. 2, \$10.00; No. 3, \$15.00

The Florists' Supply Co.

Box 56, - - - NORTH TONAWANDA, N. Y.

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Rooted Cuttings.

Pelargoniums, 15 varieties, 2.00	per 100
Petunias, 30 " 1.25	"
Heliotrope, 15 " 1.00	"
Verbenas, 40 varieties, 5.00	per 1000
Coleus, 30 " 8.00	"

Express prepaid. Cash with orders.

S. D. BRANT, - - - CLAY CENTER, KAN.

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AZALEAS INDICA, in the best market varieties, 10 to 12-inch diameter, 35.00	per 100
" " " " " 12-inch diameter and up, 40.00	"
RHODODENDRONS, extra fine, for forcing, small plants, 35.00	"
" " " " " large " 60.00	"
SNOWBALLS (Viburnum) for forcing, 35.00	"
LILACS, Charles X. and Marie Legraye, 45.00	"
CRIMSON RAMBLER ROSES, extra strong, 25.00	"
HYBR. ROSES, low budded, \$10.00 per 100, 75.00	per 1000

Prices on all other Bulbs and Plants cheerfully given.

F. W. O. SCHMITZ, Jersey City, N. J.

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August, 1900.

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WM. J. STEWART,

67 Bromfield Street, Boston, Mass.

Orders now booked for

Carnation Cuttings

for all fancy varieties.
All cuttings guaranteed A1.

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DAN'L B. LONG, Publisher, BUFFALO, N. Y.

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VERBENAS.

New Mammoth Standards, all colors, they're pretty warm. 60c per 100; \$5.00 per 1000.

PETUNIAS, Dreer's are the best Double Fringed Pink to date, \$1.25 per 100; \$10.00 per 1000.

HELIOTROPE, 75c per 100. AGERATUM, 50c per 100. COLEUS, 50c per 100. Every cutting a selected cutting. Every cutting guaranteed.

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F. R. THORNTON, - - - - MACOMB, ILL.

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E. G. Hill & Co.

Wholesale
Florists,

RICHMOND, INDIANA.

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ETHEL CROCKER.

Absolutely the best pink Carnation ever offered the trade. Grown equally successfully by Hill, Craig, and myself, you are not buying it on a venture, but knowing that it is not a success in one soil and a failure in another.

In color, size, fragrance and stem it is just what the "storemen" want. In habit, constitution and freedom of bloom it is just what the grower wants, never out of crop from Sept to July, more flowers to the square foot than any other known variety and practically no seconds.

With 18,000 stock plants to work from there is no danger of over propagation, and you are not asked to wait until planting out time for your cuttings but can have them whenever wanted. Orders entrusted to me will have my personal attention, both in the selection of the cuttings and the filling of the order.

Price per 100, \$10.00; per 25, \$2.50; per 1000, \$75.00; per 250, \$18.75. Herr's Pansies at \$1.00 now, and a regular assortment of Carnations in a list ready Jan. 1st. ALBERT M. HERR, Lancaster, Pa.

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We are headquarters for all new and standard varieties.

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Chrysanthemums Stock plants of the leading new and standard sorts.

Write for Prices.

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of all the NEW and LEADING VARIETIES. Send for prices.

GEO. HANCOCK & SON,

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Send for Price List.

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"Nicomite" (Patent) VAPOR Insecticide Powder.

No labor required. Harmless to bloom and foliage. A certain killer of Red Spider, Green Fly, and all other insect pests. Ask your Seedsman for it. THE TOBACCO WAREHOUSING AND TRADING CO., Louisville, Ky.

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CLASSIFIED PLANT ADVERTISEMENTS.

Rate for advertisements under this head, 10 cents a line net, per insertion. New advs. and changes must reach us by Wednesday morning at latest to secure proper classification in issue of Thursday.

ACALYPHA.

Acalypha Sanderi, fine 2½-in. plants, \$8.00 per 100.
The Conard & Jones Co., West Grove, Pa.

The Florists' Manual, by William Scott, is a whole library on Commercial Floriculture.

AGERATUM.

Ageratum Princess Pauline, the only one to grow. Extra strong, 2½-in., \$2.50 per 100. Rooted cuttings, extra strong, \$1.00 per 100.
South Side Floral Co., Springfield, Ill.

Ageratum, rooted cuttings, 50c per 100.
F. R. Thornton, Macomb, Ill.

ALTERNANTHERA.

40,000, 4 varieties, red, yellow, pink and large pink leaved, strong, full of cuttings; were potted last August, 2½-in., \$2.00 per 1000.
Morris Floral Co., Morris, Ill.

Alternanthera, rooted cuttings, summer struck, \$1.00 per 100.
Greene & Underhill, Watertown, N. Y.

Red and yellow, rooted cuttings, 50c per 100.
C. Lengenfelder, Elgin, Ill.

ANTHERICUM.

Anthericum, 3-in., \$6.00 per 100.
Greene & Underhill, Watertown, N. Y.

"The Classified Advs. bring big returns" is the verdict of the advertisers.

ASPARAGUS.

Fresh seed, A. Sprenger, 75 cts per 100; \$6.00 per 1000. Plumus nanus, \$1.25 per 100; \$10.00 per 1000. H. H. Berger & Co., 47 Barclay St., New York.

Asparagus plumosus nanus, from flats, \$2.75 per 100.
Florists' Supply Co., No. Tonawanda, N. Y.

A. Sprenger, 3-in. pots, \$1.00 a doz.; 5-in., 25 cts each.
John Bader, Troy Hill, Allegheny, Pa.

Asparagus Sprenger, fine large plants, in 5-in. pots, \$3.50 per doz.; \$25.00 per 100.
E. C. McFadden, Short Hills, N. J.

Asparagus plumosus fronds, from 1 to 2 ft. long, \$2.00 per 100. Cash.
H. P. Owen, Toughkenamon, Pa.

Asparagus Sprenger and Plumosus, 2-in., \$5.00 per 100; 3-in., \$8.00 per 100. Cash.
Geo. M. Emmans, Newton, N. J.

Sprenger, 2½-in., extra strong, \$6.00 per 100; 3-in., very large, \$8.00 per 100.
N. Smith & Son, Adrian, Mich.

A. plumosus, strong, 2-in., \$4.50 per 100; \$40.00 per 1000. Cash. C. Merkel & Son, Mentor, O.

6-ft. strings, 35c each; 8 to 12-ft. strings, 45c each. Cash.
H. M. Altick, Dayton, O.

Asparagus plumosus, all sizes.
A. S. MacBean, Lakewood, N. J.

A. plumosus nanus, 5-in., \$3.00 per doz.
John H. Ley, Good Hope, D. C.

A. plumosus, 6-in., thrifty and good color, 25c.
O. F. Searles, Nashua, N. H.

AZALEAS.

Azalea Indica in the best market varieties, 10 to 12 inches in diameter, \$35.00 per 100; 12-inch diameter and up, \$40.00 per 100. Rhododendrons, extra fine for forcing, small plants, \$35.00 per 100; large plants, \$60.00 per 100. Snowballs for forcing, \$35.00 per 100. Lillacs, Charles X and Marie Legraye, \$45.00 per 100. Prices on all other plants cheerfully given.
F. W. O. Schmits, Jersey City, N. J.

BEGONIAS.

Gloire de Lorraine, the grandest novelty of the day and one of the best selling plants for florists ever offered. Blooms continuously, autumn, winter and spring. Fine, strong plants from 3¼-in. pots, per doz., \$4.75; per 100, \$35.00. Flowering plants, from 2¼-in. pots, per doz., \$2.35; per 100, \$17.50. R. & J. Farquhar & Co., 16 So. Market St., Boston, Mass.

Begonia Rex, assorted, 2¼-in., \$4.00; named, \$6.00. Incarnata gigantea, 4-in., ready for 6-in., \$15.00; 2½-in., ready for 4-in., \$4.00 to \$6.00 per 100. Rooted cuttings, Erfordil, Rex, Incarnata gigantea, Flowering, \$2.00 per 100.
Greene & Underhill, Watertown, N. Y.

Begonia tuberosus, single colors, separate. Per 100, English strain, \$3.50; Belgian, \$2.50. Double colors, separate, English strain, \$5.00; Belgian, \$4.00.
Bobbink & Atkins, Rutherford, N. J.

Best flowering varieties, 4-in., \$1.00 per doz.; \$8.00 per 100. C. Lengenfelder, Elgin, Ill.

Rex begonia, finest mixed, 3-in., \$4 per 100. Cash.
Geo. M. Emmans, Newton, N. J.

15 varieties, flowering, named, 2¼-in., \$2.00 per 100.
Morris Floral Co., Morris, Ill.

BOUGAINVILLEAS.

Bougainvillea Sanderiana, strong, from 3-inch pots, 24-30 inches, \$8.00 per 100.
P. J. Berckmans Company, Augusta, Ga.

BULBS.

Ready for delivery now: Tuberous Begonias, extra fine, sound, plump bulbs, 5 colors, separate, pure white rose, scarlet and crimson, orange, yellow. Single, 1-1½ in., doz., 40c; 100, \$2.50; 1000, \$20.00. 1½-2 in., doz., 100, \$3.00; 1000, \$25.00. Double, 1-1½ in., doz., 70c; 100, \$5.00; 1000, \$45.00. 1½-2 in., doz., 80c; 100, \$6.00; 1000, \$55.00. Gloxinia Crassifolia Erecta. Brilliant colors, best strains, 1-1½ in., doz., 50c; 100, \$3. 1½-2 in., doz., 50 cts; 100, \$4.00. Gladioli. For early forcing, Florists' superb mixture, containing many white and light, doz., 20 cts; 100, \$1.25; 1000, \$10.00. Gladiolus May, one of the best sellers, white rosy, with flakes, doz., 40 cts; 100, \$2.50; 1000, \$20.00. For other sorts see New List issued. Due end December. Excelsior Pearl Tuberose. Fine white, clean stock, 3-4 in., 100, 50 cts; 1000, \$3.50; 4-6 in., 100, \$1.00; 1000, \$7.00.
H. H. Berger & Co., 47 Barclay St., N. Y.

Bulbs at one-half cost. Hyacinths, separate colors, \$3.25 per 100; \$30.00 per 1000. Tulips, per 100, fine mixed, 60c; La Candeur, 60c; Gloria Solis, 70c; Duc van Thol, 60c; Tournesol (red and yellow), \$1.30; Tournesol (yellow), \$2.75; Le Reine, 80c; Proserpine, \$1.50; Rose Gris de lin, \$1.40.
Wm. Elliott & Sons, 54 Dey St., New York.

Japan Lillium Longiflorum, 5-7-in., \$2.50 per 100; \$20.00 per 1000; 6-7 in., \$2.75 per 100; \$25.00 per 1000; 7-9 in., \$4.50 per 100; \$40.00 per 1000. Lily of the Valley and Lillium auratum, prices on application. J. M. Thorburn & Co., 36 Cortlandt St., New York.

Russian Valley, per 100, \$2.00; per 1,000, \$15.00; per case of 2,500 pips, \$30.00. Hamburg and Berlin pips, \$10.00 per 1,000; per case, 2,500 pips, \$22.50. Stump & Walter Co., 50 Barclay St., New York.

Excelsior Pearl Tuberose Bulbs and Caladium Esculentum Bulbs for Dec. and Jan. delivery. J. F. Croom & Bro., Magnolia, N. C.

Callas. First size, 4-5-in. circum., \$4.00; second size, 3-4., \$2.00 per 100.
Jackson & Perkins Co., Newark, N. Y.

Tuberose The Pearl, 4 to 6 inches circumference, \$6.50 per 1000 net. Cash.
Hulsebosch Bros., Englewood, N. J.

Bulbs and Plants for Fall and Spring delivery. C. H. Joosten, Importer, 85 Dey, St., N. Y.

CACTI.

A fine lot of small plants, suitable to offer as premiums, very cheap. Choice collections supplied at low rates.

Mrs. M. E. Patterson, Glendale, Cal.

CALADIUMS.

Caladiums, fancy named sorts, large, dry bulbs, ready by November, \$10.00 per 100.

P. J. Berckmans Company, Augusta, Ga.

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Novelties and standard sorts of cannas. Before buying send for our list.

Cottage Gardens, Queens, N. Y.

10 varieties, all mixed, single eyes, \$1.00 per 100.
Morris Floral Co., Morris, Ill.

CARNATIONS.

Carnation cuttings. Mrs. Lawson, \$14.00 per 100; \$120.00 per 1000. G. H. Crane and America, \$5.00 per 100; \$40.00 per 1000. Meba, Leslie Paul and Gov. Griggs, \$4.00 per 100; \$30.00 per 1000. Mrs. Bradt, \$3.00 per 100; \$25.00 per 1000. Frances Joost, Evanston, Jubilee, Victor and White Cloud, \$2.50 per 100; \$20.00 per 1000. Flora Hill, Gold Nugget and Triumph, \$2.00 per 100; \$15.00 per 1000. Daybreak, Argyle and Armazindy, \$1.25 per 100; \$10.00 per 1000. McGowan, Evelina, Pingree, Scott, Nivea and Morello, \$1.00 per 100; \$7.50 per 1000. All cuttings sold with express understanding that if not satisfactory they are to be returned at once and money will be refunded.
Peter Reinberg, 51 Wabash Ave., Chicago.

Carnation cuttings. G. H. Crane, \$5.00 per 100; \$40.00 per 1000. Mrs. Bradt, \$3.00 per 100; \$25.00 per 1000. White Cloud, Mrs. Joost, Triumph and Evanston, \$2.50 per 100; \$20.00 per 1000. Gold Nugget, Mrs. McBurney and Jubilee, \$2.00 per 100; \$15.00 per 1000. Flora Hill, Daybreak, Argyle and Armazindy, \$1.25 per 100; \$10.00 per 1000. McGowan, Evelina, Mayor Pingree, Painted Lady, Wm. Scott, Tidal Wave and Morello, \$1.00 per 100; \$7.50 per 1000. All rooted cuttings sold under the condition that if not satisfactory they are to be returned at once and money will be refunded.
George Reinberg, 51 Wabash Ave., Chicago.

Orders booked now in order of receipt for rooted cuttings of the famous Mrs. Thomas W. Lawson, the \$30,000 Queen of Carnations, for spring delivery, commencing Feb. 1, 1900. Prices to the trade only: Per dozen, \$3.00; per 100, \$14.00; per 1000, \$120.00; per 5000, \$500.00; per 10,000, \$800.00. Terms strictly cash or C. O. D. from unknown parties. Address all orders and make all remittances payable to Thos. F. Galvin, 124 Tremont St., Boston, Mass.

Rooted cuttings ready now. Per 100. G. H. Crane, \$5.00; Glacier, Gomez, America, Melba, Maud Adams, \$4.00; Argyle, Triumph, Daybreak, Morello, Empress, \$1.50. In three weeks we shall have Bradt, Hill, Joost, White Cloud and the rest of the good ones; also the 1900 ones when ready. Let us estimate your wants.
Morris Floral Co., Morris, Ill.

Rooted cuttings of carnations. Both new and old varieties at lowest prices for good stock. Special rates on orders booked for future delivery. Satisfaction or money refunded.
Geo. A. Rackham, 880 Van Dyke Ave., Detroit, Mich.

Orders booked now for rooted cuttings of Daybreak, McGowan, Silver Spray, Tidal Wave, Meteor and Scott, \$6.00 per 1000 and up. Express paid. Write for prices.
S. W. Pike, St. Charles, Ill.

Orders now booked for carnation cuttings for all fancy varieties. All cuttings guaranteed A1. Chicago Carnation Co. Greenhouses and address, Joliet, Ill.

Headquarters for all new and standard varieties. If you want anything write us; information cheerfully given.
H. Weber & Sons, Oakland, Md.

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CLASSIFIED PLANT ADVERTISEMENTS—CONTINUED.

Ethel Crocker. Absolutely the best carnation ever offered the trade. \$10.00 per 100; \$75.00 per 1000. 250 for \$18.75; 25 for \$3.50.
A. M. Herr, Lancaster, Pa.

Carnation Seeds. Specialists in pedigree seeds for winter blooming. Contracts solicited. American Rose Co., Washington, D. C.

The Model Extension Carnation Support, the best yet offered. The Model Plant Stake Co., 226 No. 9th St., Brooklyn, N. Y.

Rooted cuttings of all the new and leading varieties. Send for prices.
Geo. Hancock & Son, Grand Haven, Mich.

Novelties and standard sorts of carnations. Before buying send for our list.
Cottage Gardens, Queens, N. Y.

Best new and standard varieties. Write for catalogue and prices.
W. P. Peacock, Atco, N. J.

Mrs. Fisher, rooted cuttings, from soil, \$1.25 per 100.
C. Lengenfelder, Elgin, Ill.

New and standard varieties of Carnations.
F. Dorner & Sons Co., Lafayette, Ind.

CHRYSANTHEMUMS.

Stock plants, fine. Perrin, Golden Wedding, Dailedouze, Rieman, Modesto, Merry Monarch, Sunderbruch, Henderson, Robinson, The Queen, Bergmann, Glory of Pacific, Johnson, Bonaffon, Murdock, \$5.00 per 100. Cash. Mixed of the above, \$3.00 per 100. C. H. Reed, 706 So. 20th St., Birmingham, Ala.

Stock plants of Glory of Pacific, Mrs. O. P. Bassett, Pink Ivory, Helen Bloodgood, Georgienne Bramhall, Indiana, Bonaffon, W. R. Smith, at 75 cts per doz.; \$5.00 per 100. Satisfaction guaranteed. Cash with order.
Geo. L. Miller, Newark, O.

Stock plants from bench. Bergmann, Ivory, Pacific, Fitzwygram, Vivand-Morel, Bassett, Robinson, Jones, Bonaffon, Wedding, etc., 50 each, packed light. Order early. Cash.
The Cottage Greenhouses, Litchfield, Ill.

We have left 35 Bonaffon, 30 Niveus, 30 Mrs. E. G. Hill, 35 Queen, 35 Morel, at 5c or the 165 plants for \$7.50. These are from bench and full of young plants.
J. P. Wilson, Oney, Ill.

Stock plants of the leading new and standard sorts. Write for prices.
H. Weber & Sons, Oakland, Md.

Headquarters for novelties and standard sorts. Before buying send for our list.
Cottage Gardens, Queens, N. Y.

CINERARIAS.

Finest strain, 3-in. pots, ready for 4, \$3.00 per 100. 4-in. pots, ready for 5, \$4.00 per 100. 5-in. pots, ready for 6, \$5.00 per 100. Geo. W. Fetzer, 434 N. 11th St., Allentown, Pa.

Dreer's strain, budding, extra large and heavy plants, out of 5-inch pots, \$2.00 per doz.; 3½-inch, \$1.00 per doz. Cash.
Henry Eichholz, Waynesboro, Pa.

COLEUS.

Fancy coleus, rooted cuttings, separate colors, 80c per 100; mixed, 60c per 100.
Greene & Underhill, Watertown, N. Y.

20 new ones, all named, \$1.00 per doz.; \$4.00 per 100. 30 standard varieties, all named, 2½-in., \$2.00 per 100.
Morris Floral Co., Morris, Ill.

30 varieties, 70c per 100; \$6.00 per 100. Express paid.
S. D. Brant, Clay Center, Kan.

Coleus, rooted cuttings, 50c per 100.
F. R. Thornton, Macomb, Ill.

Rooted cuttings, 50c per 100.
C. Lengenfelder, Elgin, Ill.

CROTONS.

12 finest sorts, color fine, 4-in., \$1.00 per doz.
John H. Ley, Good Hope, D. C.

CUT BLOOMS.

Roses, carnations, paper whites, Romans, amilax.
Geo. A. Kuhl, Pekin, Ill.

CYCLAMEN.

Cyclamen persicum giganteum. Splendid stock of plants, assorted colors, 3-in., ready for 4-in., \$1.00 per doz.; \$7.00 per 100. Only a few hundred left.
E. C. McFadden, Short Hills, N. J.

Cyclamen giganteum, 3-in., \$6; 4-in., \$10 per 100. Cash. Geo. M. Emmans, Newton, N. J.

Cyclamen, 4 colors, 2½-in., \$5.00 per 100.
N. Smith & Son, Adrian, Mich.

DAHLIAS.

Dahlias by the tens of thousands. Get my catalogue before ordering elsewhere.
W. W. Wilmore, Box 383, Denver, Colo.

Novelties and standard sorts. Send for our list before buying.
Cottage Gardens, Queens, N. Y.

DAISIES.

New giant California white Marguerite and the new golden Marguerite, two of the greatest selling plants of the year, strong 2½-in., \$2.50 per 100; rooted cuttings, \$1.00 per 100.
South Side Floral Co., Springfield, Ill.

Bellis, strong plants, Snowball and Longfellow, 40c per 100; 300 for \$1.00; \$2.50 per 1000.
J. C. Schmidt, Bristol, Pa.

DRACAENAS.

11,000 Dracaena indivisa, in 2-in., \$3.00 per 100; \$25.00 per 1000. Florists' Supply Co., No. Tonawanda, N. Y.

Dracaena indivisa, in flats, \$5.00 per 100.
Greene & Underhill, Watertown, N. Y.

FERNS.

	Inch	Price	Per	Per
	pots	each	10	100
Adiantum Capillus Veneris, 2½	\$0.04	\$0.30	\$2.50	
Adiantum Capillus Veneris, 3	.05	.45	4.00	
A. C. V. Imbricatum or Hardy Farleyense	.....3	.15	1.50	
A. C. V. Imbricatum or Hardy Farleyense	.....4	.30	3.00	
Adiantum Cuneatum	.....4	.10	1.00	9.00
Pteris Cretica Alba-Lineata	.....4	.10	.90	8.00
Selaginella Emmelliana	.....2	.04	.30	2.50
Selaginella Emmelliana	.....3	.06	.50	4.50
Selaginella Emmelliana	.....4	.10	.90	8.00
Nephrolepis Exaltata	.....3	.06	.55	5.00
Nephrolepis Exaltata, str'g. 7		.45	4.00	
N. Tuberosa	.....6	.25	2.00	
N. Rufescens Tripinnatifida	5	.35	3.00	
Mixed Ferns, from benches	.....	.....	1.50	

For other varieties and sizes see wholesale list, from which 10 per cent. discount will be given on all orders accompanied with cash.
W. J. Hesser, Plattsmouth, Neb.

Ferns. 30 new and choice sorts, 4-in., \$10.00 per 100; 10 new and choice sorts, 2-in., \$4.00 per 100. Nephrolepis Washingtoniensis, 4-in., \$3.00 per doz. Selaginella Africana, 3-in., 50c per doz. Adiantum hybridum, new, 8-in., \$1.00 each. Ferns from flats, nice little plants for small pots, 10 sorts, 100 free by mail, \$1.25. Adiantum cuneatum, extra large, 4-in., \$10.00 per 100. Careful packing. Cash with order.
John H. Ley, Good Hope, D. C.

Fern Spores. We are headquarters. Extra large pkt. sufficient for 3000 plants, \$1.00, postpaid. Collection of 12 best varieties, each in separate package, \$5.00, postpaid. Cultural directions with each order. Send for prices on Boston Ferns, Farleyense, etc.
E. C. McFadden, Short Hills, N. J.

Ferns. This year we have a fine lot, all in the best possible shape, a good variety and nice, bushy stock, 2½-in. pots, \$3.50 per 100; \$30.00 per 1000; packed in pots, 50 cts per 100 extra, express paid to New York. H. Weston & Bro., Hempstead, L. I., N. Y.

Ferns for dishes. Strong, 2 and 2½-in., \$3 per 100; \$27.50 per 1000. Maranta Massangeana (will sell your fern dishes), \$5.00 per 100; \$40.00 per 1000. Pteris Tremula, 3-in. pots, strong, \$5.00 per 100. Terms cash or C. O. D.
C. Merkel & Son, Mentor, Ohio.

Boston Ferns. N. Exaltata Bostoniensis, small plants, \$5.00 per 100 to \$40.00 per 1,000; largest size, \$6.00 to \$20.00 per 100; not less than 250 at 1,000 rate.
Wm. A. Bock, No. Cambridge, Mass.

Adiantum cuneatum, select stock, \$6.00 per 100; \$55.00 per 1000. Ready for shipment at once. M. A. Hunt Floral Co., Box 235, Terre Haute, Ind.

Boston ferns and Nephrolepis cordata compacta, 2½-in., \$5.00 per 100. In pans, 50c, 75c, \$1.00, \$1.25 and \$1.50 each. Cash please.
Carl Hagenburger, W. Mentor, Ohio.

Adiantum Cuneatum. Strong 2½-in. plants, \$3.00 per 100; \$25.00 per 1000. Fine plants, in 3½ and 4-in. pots, \$6.00 per 100; \$50.00 per 1000.
Edw. J. Taylor, Southport, Conn.

Small ferns in choice assortment, out of 2 and 2½-inch pots, \$4.00 per 100. Cash. Geo. A. Rackham, 880 Van Dyke Ave., Detroit, Mich.

Boston Fern, a specialty, \$5.00 per 100; \$40.00 per 1000. Only orders booked. L. H. Foster, 45 King St., Dorchester, Mass.

Boston ferns, bed grown, \$3.00 to \$10.00 per 100. Cash with order.
Mrs. Frank W. Poor, Haverhill, Mass.

Selaginella denticulata, 2-in., \$2.00 per 100. They are all right for Christmas sales.
E. I. Rawlings, Quakertown, Pa.

Fern Balls. For spring delivery. Must be ordered now. Vredenburg & Co., Rochester, N. Y.

Nephrolepis cordata compacta, 2½-in., \$4 per 100. Cash. Geo. M. Emmans, Newton, N. J.

Pteris tremula, 2-in., 50c per doz.; \$4.00 per 100.
C. Lengenfelder, Elgin, Ill.

FORCING PLANTS.

Spiraea, extra large clumps, per 100, Japonica, \$3.50; compacta, \$5.00; astilboides floribunda, \$5.00; japonica aurea reticulata, \$10.00. Rhododendrons for forcing. 50c each; \$5.00 per doz. Well budded plants.
Bobbink & Atkins, Rutherford, N. J.

Deutzia Gracilis, strong, bushy plants for forcing, \$6.00 per 100. Samuel C. Moon, Morrisville, Pa. Send for price list of hardy shrubs and trees.

FORGET-ME-NOTS.

Winter flowering, 2½-in., \$4.00 per 100; rooted cuttings, \$2.00 per 100.
Greene & Underhill, Watertown, N. Y.

Send in your order now for a copy of the Florists' Manual, by Wm. Scott, price \$5.00. Florists' Pub. Co., Chicago.

FUCHSIAS.

Fuchsia, rooted cuttings, Trailing Queen and four others, \$1.50 per 100.
Greene & Underhill, Watertown, N. Y.

Fuchsias, in variety, in 2½-inch pots. Our selection, \$3.00 per 100. Cash with order.
J. E. Felthousen, Schenectady, N. Y.

Double and single, 2½-in., \$2.00 per 100. Geo. W. Fetzer, 434 N. 11th St., Allentown, Pa.

Winter blooming, 2½-in., \$2.00 per 100.
Morris Floral Co., Morris, Ill.

Rooted cuttings, \$1.00 per 100.
C. Lengenfelder, Elgin, Ill.

GARDENIAS.

Gardenia Florida, from 3-inch pots, 8-10 inches, branched, \$10.00 per 100.
P. J. Berckmans Company, Augusta, Ga.

Send in your order now for a copy of the Florists' Manual.

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CLASSIFIED PLANT ADVERTISEMENTS—CONTINUED.

GERANIUMS.

Mrs. Parker, 2½-in., \$6.00; Happy Thought, Silver Leaf, 2½-in., \$4.00 per 100. Rooted cuttings, dbl. New Life, Mrs. Parker, dbl. pink silver leaf, \$4.00; Happy Thought, Mrs. Pollock, \$2.00; Freak of Nature, Mars, \$3.00; Mme. Bruant, \$2.50; Silver Leaf, rose scented, \$1.50; Mme. Sallerol, \$1.25; assorted common, \$1.50; mixed, \$1.25; best varieties, \$2.00 per 100. Greene & Underhill, Watertown, N. Y.

Twelve of the best varieties of geraniums, but mixed, \$1.50 per 100. From 2-in. pots. Cash with order. Logan Ave. Greenhouses, Danville, Ill.

Bruant (the grand scarlet bedder), S. A. Nutt, La Favorite, Athelete and Sweet Scented, strong 2½-in., 3c; \$27.50 per 1000. South Side Floral Co., Springfield, Ill.

New geraniums De Roo Mitting and double Snow Drop, \$1.20 per doz.; \$10.00 per 100. La Favorite, 2½-in., \$2.00 per 100. Morris Floral Co., Morris, Ill.

Best bedding varieties, mixed, in fine growing condition, 2-in., \$2.50 per 100; rooted cuttings, \$1.50 per 100. C. Lengenfelder, Elgin, Ill.

2500, rooted October, principally Heteranthe and La Flize, \$20.00 for the lot, or \$1.00 per 100. H. Millingar, Merchantsville, N. J.

Novelties and standard sorts of geraniums. Before buying send for our list. Cottage Gardens, Queens, N. Y.

Geranium Mars, 2½-in., \$5.00 per 100. Cash. Henry Eichholz, Waynesboro, Pa.

GLOXINIAS.

Named varieties, as follows, \$4.00 per 100. Mont Blanc, pure white; Defiance, scarlet; Progress, red, white bordered; Patrie, violet, white bordered; also a limited quantity of Kaiser Frederick and Kaiser Wilhelm, the best varieties out. Bobbink & Atkins, Rutherford, N. J.

"The Classified Ads. are a great convenience" is the verdict of the buyers.

HARDY PLANTS.

Hardy Pinks. Rooted Cuttings. Now ready. 8 sorts as follows: Her Majesty, giant white; Alba Fimbriata, white, fringed; Brunette, pink, with maroon markings; Earl of Carlisle, variegated, maroon, rose and white; Juliette, cherry-red, variegated pink and white; Gertrude, white, maroon markings; Laura Wilmer, pink with darker shadings, fringed; May, beautiful flesh-pink, very fragrant, \$1.00 per 100, postpaid; \$3.00 per 1000, by express. Large; field-grown clumps, \$5.00 a 100. Satisfaction guaranteed. A. B. Davis & Son, Purcellville, Va.

Vinca Minor. We can supply any quantity in nice little field-grown clumps at \$2.50 per 100; \$3.00 per 1000; \$75.00 per 10,000. Samples at 100 prices. No charge for packing, when cash accompanies order. Reference requested. Pinehurst Nurseries, Otto Katzenstein, Mgr., Pinehurst, N. C. Ask for our trade lists of American Woody and Herbaceous Plants and Seed.

Clematis Virginiana, finest American Climber, sweet-scented small white flower, 2 year, strong, 3 cts. Large-flowered Clematis, for forcing, purple and white, fine plants, from 5-in. pots, at 12c; 2 year, field-grown plants, 18c; 1 year, field-grown, fine plants, at 12c. Packing free. W. H. Salter, Rochester, N. Y.

Biota Aurea Nana, a perfect gem, fine, shapely plants, hardy north, 10 to 12 inches high, \$10.00 per 100; \$80.00 per 1000; 12 to 15 inches, \$12.00 per 100; \$100.00 per 1000; 15 to 18 inches, \$20.00 per 100. P. J. Berckmans Company, Augusta, Ga.

Viburnum Tomentosum. A rare and beautiful shrub. Herbaceous Perennials a specialty. Price list and descriptive catalogue on application. Rea Brothers, Norwood, Mass.

Bargains in California Privet, Ampelopsis Veitchii, Clematis Paniculata, Shrubs and Grasses. Write for prices. The Elizabeth Nursery Co., Elizabeth, N. J.

Hardy herbaceous plants only. In any quantity for the least money. Edw. B. Jackson, Stamford, Conn.

HELIOTROPE.

Heliotrope, rooted cuttings, the best. 75c per 100. F. R. Thornton, Macomb, Ill.

Rooted cuttings, \$1.25 per 100. Greene & Underhill, Watertown, N. Y.

15 varieties, \$1.00 per 100. S. D. Brant, Clay Center, Kan.

Rooted cuttings, \$1.00 per 100. C. Lengenfelder, Elgin, Ill.

HYDRANGEAS.

Otaska and Thos. Hogg, \$10.00 per 100. Extra value, satisfaction guaranteed. Jackson & Perkins Co., Newark, N. Y.

Hydrangea, pink, 3-in., \$6.00 per 100. Greene & Underhill, Watertown, N. Y.

MANETTIA.

Manettia bicolor, 2½-in., \$6.00; rooted cuttings, \$2.00 per 100. Greene & Underhill, Watertown, N. Y.

MIGNONETTE.

Allen's Defiance, fine plants from seed bed, 50c per 100; \$3.50 per 1000. J. C. Schmidt, Bristol, Pa.

MUSHROOM SPAWN.

Best English Milltrack, just arrived, \$7.00 per 100 lbs. In 500 lb. lots at \$6.50 per 100. Johnson & Stokes, 219 Market St., Phila, Pa.

ORCHIDS.

Orchids have for very many years been a specialty with the undersigned, and the collection is steadily augmented by fresh importations from the collectors of the firm. It is not easy, without seeing it, to form an adequate conception of the stock. Extent is simply immense. Quality fine. Prices moderate. HUGH LOW & CO., BUSH HILL PARK NURSERY, ENFIELD, ENGLAND.

Just arrived in fine condition, Cattleya Mendellii; also C. labiata, C. speciosissima and C. Harrisoniae. Cherry wood baskets, moss and peat. Lager & Hurrell, Summit, N. J.

Strong, well established, healthy plants, at \$9.00 per doz. Fern roots of best quality, \$1.00 per barrel. W. Mathews, Utica, N. Y.

PALMS, ETC.

LATANIA BORBONICA.

4-inch pots, \$2.50 per doz.; \$20.00 per 100. 5-inch pots, \$4.75 per doz.; \$35.00 per 100. 6-inch pots, \$9.00 per doz.; \$70.00 per 100. 7-inch pots, \$1.25 each, and fine specimen plants from \$6.00 and upwards.

Areca Lutescens, fine plants from \$5.00 upwards. Kentia Belmoreana and Forsteriana—4-in. pots, \$35.00 per 100; 5-in. pots, \$50 to \$75 per 100; 6-in. pots, \$1.00 to \$1.25 each; 7-in. pots, \$1.75 to \$2.00 each; larger plants, well grown, from \$2.50 and upwards. Phoenix reclinata, 4-in. pots 25c each, \$20 per 100; 5-in. pots, 40c each, \$35.00 per 100; 6-in. pots, 60c each, \$55.00 per 100; 7-in. pots, \$1.25 each. Phoenix Canariensis, Rupicola and Reclinata, fine specimen plants, from \$3.00 to \$5.00 each. Cocos Weddelliana, from 2-in. pots, \$1.50 per doz. John Bader, Troy Hill, Allegheny, Pa.

Cocos nucifera, fine large plants, 25 to 40 cts each. Cycad, Zamia integrifolia, stems for planting, \$2 per 100; \$12 per 1000; large, \$3 per 100; \$20 per 1000 (can be shipped by freight); crowns, extra selected (a good substitute for Sago palm), 8 to 20 leaves, 12 to 20-inch, \$5 per 100. Thrinax argentea, crowns (silver leaved palm), extra selected, \$6 per 100. Echites paladosa, a beautiful climber, flowers white, slightly tinted with pink, \$4 per 100. Soar Bros., Little River, Fla.

	Pot	H't.	Char.	Per	Per
	in.	in.	lvs.	100.	1000.
Latania Borbonica,	4	12-15	2	\$15.00	\$125
"	4	15-18	2-3	20.00	150
"	5	18-20	4-5	25.00	
Phoenix Canariensis,	4	15-18	4-5	15.00	
Seaforthia Elegans,	4	18-20	2	20.00	

P. J. Berckmans Company, Augusta, Ga.

Kentia Belmoreana, very scarce. We have a fine block of bushy little plants in 3-in. pots, about 5 leaves, just right for center piece, \$3.00 per doz.; \$25.00 per 100.

Cocos Weddelliana, our stock cannot be surpassed. Fine stocky plants from 3-in. pots, \$2.00 per doz.; \$15.00 per 100. \$140.00 per 1000. E. C. McFadden, Short Hills, N. J.

Palm Seed. Fresh on hand.			
Phoenix Tenais.....	\$0.75	\$ 5.00	\$13.50
Phoenix Pumila.....	1.00	8.00	22.50
Phoenix Reclinata.....	.75	5.00	13.50
Corypha Australis.....	.75	5.00	13.50
Pandanus Utilis.....	1.25	10.00	27.50

C. L. Schiller, 404 E. 34th St., New York.

Kentias, Belmoreana and Forsteriana, 6-in. pots, from \$1.00 to \$1.50 each; 7-in. pots, \$1.50 to \$2.50 each; larger plants, \$3.00 to \$10.00 ea. Areca Lutescens, 50c to \$3.00 each. Latanias, from \$4.00 per doz., to \$3.00 each. Araucarias, large plants, 75c to \$1.50 each. Wm. A. Bock, North Cambridge, Mass.

Fresh seed: Latania borbonica, 40 cts per 100; \$2.50 per 1000. Cocos Weddelliana, \$1.00 per 100; \$7.50 per 1000. Pandanus utilis, \$1.25 per 100; \$19.00 per 1000. Samples, 10 cts. H. H. Berger & Co., 47 Barclay St., N. Y.

Rubber Plants. 5½ and 6-in. pots, 2 to 3 ft. high, perfect plants, \$4.00, \$5.00 and \$6.00 per doz. A. L. Miller, Brooklyn, N. Y., Jamaica Ave.

Pandanus Veitchii, vigorous, shapely plants, each, 6-in., \$1.00; 7-in., \$1.50; 8-in., \$2.00. Discounts on large orders. J. Welsh Young, Germantown, Pa.

California Fan Palm. Washingtonia Filifera, from seed bed, one foot high, \$5 per 100, postpaid. P. D. Barnhart, Bakersfield, Cal.

Phoenix reclinata, strong plants from 6-in. pots, \$6.00 per doz. C. Elsie, 11th & Jefferson Sts. Philadelphia, Pa.

Aspidistra, extra fine plants. Variegated, 10c per leaf, green, 6c per leaf. Bobbink & Atkins, Rutherford, N. J.

Kentia Belmoreana and Forsteriana, 3-in., and Latania Borbonica, 4-in., 25c each. Cash. Geo. M. Emmons, Newton, N. J.

Peperomias argyrea and arifolia, 3-in., 50c per doz. John H. Ley, Good Hope, D. C.

PEONIES.

Tree peonias, in pure white, rose, red and variegated. Should be planted now in pots. Commands high prices for Easter bloom. If desired special directions will be given to insure best success. We offer fine stock, per plant, 5 cts.; per dozen, \$6.00; 25 plants, \$10.00. H. H. Berger & Co., 47 Barclay St., New York.

Paeonia officinalis rubra plena, \$10.00 per 100; \$1.50 per dozen. This is the true dark crimson variety, the earliest flowering paeonia in existence and the only one good for forcing. Bobbink & Atkins, Rutherford, N. J.

PANSY PLANTS.

For Pansy Seed see under heading "Seeds."

Roemer's Superb Prize Pansies. This improved strain all the leading novelties included; strong bushy plants ready now; 60 cts per 100, by mail; \$2.00 per 500, by express; \$4.00 per 1000; \$7.00 per 2000; \$10.00 per 3000; \$15.00 per 5000. Large Plants, transplanted, in bud and bloom, \$1.00 per 100. Cash with order. Peter Brown, Lancaster, Pa. Grower of extra fine Pansies.

Good plants, by express, \$2.50 per 500; \$4.00 per 1000. C. Soltau & Co., 199 Grant Ave., Jersey City, N. J.

Schmidt's Pansies have no equal. Fine plants, 50c per 100; \$3.00 per 1000. J. C. Schmidt, Bristol, Pa.

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CLASSIFIED PLANT ADVERTISEMENTS—CONTINUED.

Pansy plants. Mitting's Giants, 50c per 100; \$3.00 per 1000. Morris Floral Co., Morris, Ill.

Herr's Pansies, the best strain in the world.
A. M. Herr, Lancaster, Pa.

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Strong plants, mixed varieties, from 2½-in. pots, \$3.50 per 100. Geo. W. Fetzner, 434 N. 11th St., Allentown, Pa.

15 best varieties of pelargoniums, \$2.00 per 100.
S. D. Brant, Clay Center, Kan.

If you read these advs. others would read yours.

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Henderson's and Dreer's choicest varieties. Extra strong 2-in. pot plants, \$2.00 per 100; \$18.00 per 1000. Extra strong rooted cuttings, \$1.00 per 100; \$8.00 per 1000.

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Dreer's are the best double fringed pink to date, \$1.25 per 100; \$10.00 per 1000.

F. R. Thornton, Macomb, Ill.

30 varieties, every one fine, \$1.25 per 100.

S. D. Brant, Clay Center, Kan.

Rooted cuttings, \$1.00 per 100.

C. Lengenfelder, Elgin, Ill.

PRIMROSES.

Nice stocky plants of large flowering Chinese Primroses, mixed colors, many of them blooming, out of 4-inch pots, at \$6.00 per 100. Cash with order.

M. E. & R. Hoffer, Mount Joy, Pa.

New yellow Baby Primrose, 2½-in., \$1.20 per doz.; \$10.00 per 100. Chinese, 2½-in., strong, \$1.50; Obconica, strong, 2½-in., \$2.00; Obconica, in bloom, 3-in., \$3.00 per 100.

Morris Floral Co., Morris, Ill.

Chinese, 3-in., \$5.00, 4-in., \$8.00 per 100; 6-in. pans, \$3.00 per doz. Obconica grandiflora and Hybridum, same size and price as Chinese. All in bud and bloom.

N. Smith & Son, Adrian, Mich.

Chinese Primrose, finest fringed varieties, 2-in., \$2.00; 2½-in., \$3.00 per 100; 3-in., \$4.00 per 100. Cash. Geo. M. Emmans, Newton, N. J.

Chinese primroses, strong, 3-inch pots, 50c per doz.; 4-in. pots 75c per doz. C. Eisele, 11th & Jefferson Sts., Philadelphia, Pa.

Baby primrose, 5-in. pots, 30 to 50 spikes, \$10.00 per 100. Geo. W. Fetzner, 434 N. 11th St., Allentown, Pa.

In bud, 2-in., \$2.00; 2½-in., \$3.00 per 100.

Greene & Underhill, Watertown, N. Y.

In 3 and 3½-in., \$5.00 per 100.

E. I. Rawlings, Quakertown, Pa.

ROSES.

The grand new rose Liberty, most nearly approached by Meteor in color, but far surpassing that standard variety in brilliancy and purity of color, as well as in size; never showing any deformed, black or bull heads either in winter or summer and far surpassing Meteor in freedom of bloom. A remarkable keeper when cut, keeping its brilliancy of color without turning blue or dropping its petals, as is the case with Gen. Jacqueminot, which it somewhat resembles in size and fragrance. Prices are as follows for A1 stock: Own rooted plants in 2½-inch pots, 12 plants, 60c; 25 plants, 50c; 50 plants, 30c; 100 plants, 25c; 1000 plants, 20c each.

Grafted plants in 2½-inch pots: 12 plants, 75c; 25 plants, 60c; 50 plants, 50c; 100 plants, 40c; 1000 plants, 35c each. Satisfactory reference or deposit from all unknown correspondents. Orders coming in after this date can be filled only in April or later, as my stock for March delivery is all sold.

E. G. Asmus, West Hoboken, N. J.
Agents: J. C. Vaughan, Chicago, Ill.; J. N. May, Summit, N. J.; F. R. Pierson Co., Tarrytown-on-Hudson, N. Y.

Dormant Hybrid Perpetual Roses. Just the thing for Easter pot plants. Low budded. Two-year-old. Price, your selection of kinds, bundle of 10 for \$1.25; 100 for \$10.00; 1000 for \$90.00. The varieties: Alfred Colomb, Capt. Christy, Duke of Edinburgh, Fisher Holmes, Gen. Jacqueminot, Gen. Washington, John Hopper, La France, Mabel Morrison, Baroness Rothschild, Mme. Gabriel Luizet, Magna Charta, Margaret Dickson, Mrs. John Laing, Paul Neyron, Perle des Blanchés, Prince Camille de Rohan, Ulrich Brunner, Clucas & Boddington Co., 342 West 14th St., New York.

Rose cuttings. American Beauty, \$3.00 per 100; \$25.00 per 1000. Kaiserin and La France, \$2.00 per 100; \$17.50 per 1000. Bride, Bridesmaid, Meteor and Perle, \$1.50 per 100; \$12.50 per 1000. All rooted cuttings sold under the condition that if not satisfactory they are to be returned at once and money will be refunded.

George Reinberg, 51 Wabash Ave., Chicago.

Roses. For Spring Blooming. The proper sorts, Clothilde Soupert, Gen'l Jacqueminot, Coq. des Alps, La France, Coq. des Blanchés, etc., fine 1 and 2 year field-grown plants, suitable for 5-in. pot, 5c.

W. H. Salter, Rochester, N. Y.

Crimson Ramblers, extra strong, \$25.00 per 100. Hybrid roses, low budded, \$10.00 per 100; \$75.00 per 1000.

F. W. O. Schmits, Jersey City, N. J.

American Beauty, Bridesmaid, Perle, Bride, Sunset, Meteor, Morgan, Testout, Mermet, La France, 3, 3½ and 4-inch.

A. S. McBean, Lakewood, N. J.

Liberty Rose. We have sole control for the New England states.

Edmund M. Wood & Co., Natick, Mass.

1000 Bridesmaid roses, 2½ and 3-in., \$2.50 per 100 to close out.

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First rooted cuttings of roses ready for immediate shipment. Geo. A. Kuhl, Pekin, Ill.

Hardy roses in great variety.

Ellwanger & Barry, Rochester, N. Y.

Manetti stocks for fall delivery.

Hiram T. Jones, Elizabeth, N. J.

SALVIA.

Salvia splendens, 2½-in., \$2.50 per 100; rooted cuttings, \$1.00 per 100.

South Side Floral Co., Springfield, Ill.

Salvia, rooted cuttings, \$1.25 per 100.

Greene & Underhill, Watertown, N. Y.

The Florists' Manual, by William Scott, is a whole library on Commercial Floriculture.

SEEDS.

Ready for delivery now. Crop, 1899. No old seed kept over. Sweet peas in following sorts: America, Aurora, Apple Blossom, Blanche Ferry, E. Early B. Ferry, Blanche Burpee, Boreation, Capt. of Blues, Captivation, Cardinal, Countess of Radnor, Countess of Aberdeen, Creole, Dorothy Tennant, Emily Henderson, Emily Eckford, Eliza Eckford, Firefly, Gray Friar, Juanita, Lottie Eckford, Lemon Queen, Mars, Mrs. Jno. Chamberlain, Mrs. Hunt, Maid of Honor, New Countess Primrose, Prima Donna, Princess of Wales, Queen of England, Queen Victoria, Red Riding Hood, Senator, Stanley, any of above sorts, oz., 5 cts; ¼ lb., 15 cts; ½ lb., 20 cts; 1 lb., 30 cts. When ordering add postage, 4 cts for 2 oz. Choicest mixture, Eckford's hybrids, ¼ lb., 10 cts; ½ lb., 15 cts; 1 lb., 25 cts. Sow now Gloxinia Seed, prize mixture, pkt., 25 cts.

H. H. Berger & Co., 47 Barclay St., N. Y.

Verbena seed, new crop just received. Our Mammoth strain cannot be equalled for size and rich colors. Entirely free from rust. Mammoth, mixed, scarlet, white, pink, \$1.50 per oz.; 50c per ¼ oz. Smilax seed, new crop, \$3.00 per lb.; 35c per oz.; 15c per ¼ oz. Our new wholesale price list and order sheet of a full line of seeds is now ready. Write for it. Mailed free. Henry F. Michell, seedsman, 1018 Market St., Phila.

XXXXSeeds. Verbena Grandiflora. The finest strain of Improved Giant Verbenas yet produced, largest flowers and best colors, per pkt., 600 seeds, mixed colors, 50 cts. Cyclamen Gigantheum. The choicest Giant-flowering varieties in best mixture, pkt., 200 seeds, \$1.00; half pkt., 50 cts. Petunia Dbl. Fringed. The largest and finest Double Fringed and mottled Petunias to be had, trade pkt., 50 cts. Chinese Primrose. Best large, single and double, 500 seeds, \$1.00. Phlox Drum. Pumila. New, very dwarf, perfect beauties, excellent for growing in pots for Spring sales, mixed colors, per trade pkt., 20 cts. Pansy. Finest Giant. Choicest mixed Mammoths, 3500 seeds; \$1.00; ½ pkt., 50 cts. A pkt. of New Double Early-flowering Dwarf Vienna Carnation added to every order.

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Onion seed, California grown, strictly 1899 crops. Per lb.: Yellow Strasburg, Red Wethersfield, Yellow Flat Danvers, Early Flat Red, 70c; Prize Taker, \$1.00; Silver King, \$1.25; Southport Red Globe, \$1.30; Yellow Globe Danvers, Southport Yellow Globe, 70c. Terms 120 days.

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Greene & Underhill, Watertown, N. Y.

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CLASSIFIED ADVERTISEMENTS—CONTINUED.

VINCAS—Continued.

Vincas, center of foliage yellow, 2½-in., 50c per doz.; \$3.00 per 100.
C. Lengenfelder, Elgin, Ill.

Var., strong field clumps, \$4.00. R. C., \$1.00 per 100. Cash. Dann & Son, Westfield, N. Y.

Variegated vincas, 2½-in., \$2.00 per 100.
Morris Floral Co., Morris, Ill.

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Single white violets, clumps from open ground, \$5.00 per 100. California, clumps, \$4.00 per 100. C. Elsie, 11th & Jefferson Sts., Philadelphia, Pa.

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Galax leaves. Chas. H. Ricksecker, Linville, N. C.

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Jadoo Fibre, a substitute for soil. Jadoo Liquid, the very best fertilizer. Write for printed matter. American Jadoo Co., 817 Fairmount Ave., Philadelphia, Pa.

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The Cefrey Letter Co., 446 Tremont St., Boston, Mass., Chas. L. Razoux, Mgr., Manufacturers of Florists' Letters. The best and most artistic letter on the market. Pat. Jan. 3rd, 1893. Price: 1½ or 2-inch letters, \$1.50 per 100; script letters, \$3.50 per 100. Agents: The Flower Market, Boston; Emil Steffens, New York; McKellar & Winterson, Chicago; H. Bayersdorfer & Co., Philadelphia.

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The Van Reyper Perfect Glaziers' Points. No rights or lefts. Price per box of 1000, 60 cts by mail, 75 cts; in lots of 5000 by express, 55 cts per 1000. Henry A. Dreer, 714 Chestnut St., Philadelphia, Pa.

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Nicomite (patent) Vapor Insecticide. A certain killer of insect pests. Sold by seedsmen. Tobacco Warehousing and Trading Co., Louisville, Ky.

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To introduce my alarm safety lounge to every greenhouse man in the U. S., I will, from Dec. 15, 1899, to Feb. 1, 1900, allow a discount of 25 per cent. upon same. Write for particulars. L. Ederer, 30th and Bristol Sts., Omaha, Neb.

The Florists' Manual, by William Scott, is a whole library on Commercial Floriculture. Send in your order now. Florists' Pub. Co., Chicago.

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The Lehman heater is the best. Write for particulars. Lehman Bros., 10 Bond St., New York City, or Jas W. Erringer, 297 Wabash Ave., Chicago.

"The Classified Ads. bring big returns" is the verdict of the advertisers.

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CLASSIFIED ADS.—Continued.**WIRE WORK.**

C. A. Kuehn, 1122 Pine St., St. Louis, Mo., manufacturer of the Patent Wire Clamp Floral Designs. A full line of supplies always on hand. Write for catalogue.

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Reed & Keller, 123 W. 25th St., New York. Manufacturers of Wire Designs.

DETROIT.

Christmas was a hummer and no mistake, with good weather to deliver stock without wrapping, up to Sunday evening, when it turned cold and continued so up to the time of writing. Everything sold well, but it is apparent that as each Christmas comes around the demand for plants increases and the supply was not equal to the demand, Breitmeyer & Son having the best and also the largest quantity. They also put up a great many baskets, which sold nearly as fast as one man could fill them. Mr. B. goes east for new ideas every holiday season and his efforts seem to be appreciated by the high priced buyers.

In cut flowers all the retailers report a clean up, with carnations and violets in the lead. Roses were none too plentiful, thus making the price high. In fact, we hear the old refrain that trade was 50 per cent better, so of course the growers feel good, for settling day is near at hand and the 50 per cent more business means prompt payment of bills.

We are to have another retailer in Woodward avenue. Mr. Chas. Scheible, who has been with B. Schroeter for some years, will soon open up above the park.

At the last meeting of the club Mr. E. A. Scribner read a paper on "Fumigation for Green Fly," which was very ably written and contained some new ideas on such an old subject. He claimed death was caused by suffocation and not from the effects of nicotine in the tobacco, and that he had the best success with old, dried up stems that had been bleached out by rain and sun for a great length of time. A great deal of quizzing was done, but he made his point good. RAG.

KANSAS CITY, MO.

To sum the situation up here, "people were flower crazy." Anything and everything sold, and at top prices. Trade began about Friday, or rather it started the beginning of the past week, and wound up like a whirlwind.

Stock was somewhat scarce and of fair quality. A few of the older growers resorted to pickling, and in consequence did not realize top price for their trash. From all accounts the trade ran about 30 to 40 per cent better than last year.

Green stuff also had its turn and was done to a finish. Not a scrap of a tree

could be found Saturday night. Thursday and Friday saw more trees, holly, pine, etc., than was ever shown in Kansas City, and some predicted that there would be low prices on this stuff by Saturday night, but the writer spent something like a dollar in messenger service trying to find a tree Saturday night, and then could not get it. Holly was of fair quality and sold up clean.

In cut flowers, pink roses and colored carnations led, prices ranging from \$2 to \$4 for the former and 75 cents to \$1 for common and \$1.50 to \$2 for fancy carnations. Beauties sold at from \$3 to \$18 per dozen; very few of the latter ones were to be had. Me-teors in good demand, with light supply. No violets to speak of. Bulb stock sold better than usual, principally narcissus and Romans. Plants had their inning, also, and sold well, among which were to be seen some fine poinsettias, azaleas, oranges, ericas and Sprenger, and brought top prices.

The fact that Christmas fell on Monday gave the florists additional work, as nearly half the transient or late comers came in Monday, thereby making delivery very irregular and preventing early orders from having the care they should have had. Weather was all that could be desired up to Saturday evening; even then not bad enough to tide the rush. We sure enough feel and welcome the times of prosperity. W.

ASTORIA, L. I.

A visit to W. H. Siebrecht's extensive and well kept place is always a pleasure and of the greatest of interest. Mr. Siebrecht is probably the largest bulb grower we have around New York. He forces upwards of a million bulbs a year and is considered a great authority on that line of stock. He has been experimenting with home grown lily of the valley with great success; his houses were full of the finest stock for Christmas.

A house of poinsettias looked grand, and then there were the immense quantities of bulbous stock in pots, pans and boxes, either for cutting or plant trade. He will soon have a fine lot of Acacia pubescens. A bench of Asparagus Sprenger is in splendid condition, so also is a general collection of foliage plants. Holiday trade has been very good with him. D.

MENTOR, O.—Carl Hagenburger has a fine new pink carnation, a cross between Scott and McGowan, that he has named Lizzie Hagenburger.

ART AT FLOWER SHOWS.

Dear Editor: "The Novice" tells us that he can "with wonderful accuracy read between the lines" in what we wrote on the above subject in a recent issue. We are sorry he did not read our lines and not bother looking for what was not between. "The Novice" is not the only one who builds in rehearsal the sugar-loaf group. We assure him the fault is general. We can also assure him that most of the group classes call for or intend for "effect." What is a group arranged for? Flowers and plants, no matter how finely grown, become monotonous when similarity or formality rules in the arranging. Flower shows are not held for the purpose of pleasing judges or growers alone; we depend on the public to make them pay, we are expected to show the public our very best, and art is the very soul of Flora—it is merely disfigured or destroyed by many interpreters. Do away with the long tables of monotony, do away with formal groups, do away with the idea that art is of less importance than science at our shows. IVERA.

ST. JOSEPH, MICH.—The greenhouses of August Loeffler, one mile south of this city, were destroyed by fire the evening of December 24. Loss \$5,000, with no insurance.

BRADFORD, PA.—Christmas trade nearly double of last year. Plants were the fad. We had a large supply and sold out clean at good prices. Cut flowers were very scarce. W. C. R.

WANT ADVERTISEMENTS.

Advertisements under this head 10 cents a line, an average of seven words to the line.

WANTED—Tuberose Bulbs and small sets in exchange for Dahlias and Forget-Me-Nots. L. H. Read, Grand Rapids, Wis.

WANTED—Situation by all-round grower to take charge; state wages; references. Address Grower, care of Florists' Review.

...FOR SALE...

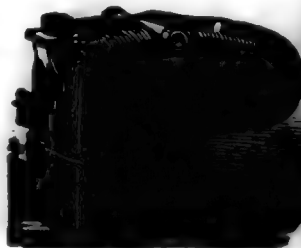
Three greenhouses, 20 x 80 ft. each, in good condition, steam heat. Houses to be taken off the place after spring trade is over. Good stock of plants on hand. Will sell very cheap. Write for particulars. John Lieber, Maryville, Nodaway Co., Mo.

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THE FLORISTS' REVIEW

G. L. GRANT, EDITOR AND MANAGER.

PUBLISHED EVERY THURSDAY BY

THE FLORISTS' PUBLISHING CO.

520-535 Caxton Building, Chicago,

334 Dearborn Street.

Subscription, \$1.00 a year. To Europe, \$2.00. Subscriptions accepted from those in the trade only.

Advertising rates: Per inch, \$1.00; 1/4 page, \$13.50; full page, \$27.00. Discounts: 6 times, 5 per cent; 12 times, 10 per cent; 26 times, 20 per cent; 52 times, 30 per cent. Discounts allowed only on consecutive insertions. Only strictly trade advertising accepted. Advertisements must reach us by Tuesday to insure insertion in the issue of the following Thursday.

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GRAND RAPIDS, MICH.

Business continued firm all the week. Most of the florists, particularly those doing a shipping trade, started in Monday with Christmas prices, which were the highest ever obtained here, and there was not enough stock to go around.

Carnations especially were scarce, red and pink being in greatest demand. When they were gone white sold freely enough. Roses were scarce, too; Beauties took to the woods early and couldn't be found. Violets sold better than in former years. Carnations seem to be the favorite for the holidays and sold at 50 cents to \$1.00 per dozen, the demand being greatest for the 75-cent

quality. Beauties \$6 to \$12 per dozen; other roses \$2 to \$3.50; Romans and paper whites, 75 cents to \$1; lilies \$3 to \$4; violets 30 to 35 cents. There was a good supply of pot plants on hand, but the increased demand was so heavy that everything in the shape of a good plant sold. Azaleas took the lead, although poinsettias sold well. Romans in pans and cyclamen and lilies stood next in favor.

Holly? Yes, holly wreaths sold well. Oh! how they sold. The desire to buy them seemed to possess man, woman and child, and the demand used up the supply of holly in a way that was astonishing; probably double the quantity was used this year than last.

Trade was greater than last year, variously estimated at from 10 to 25 per cent more. The whole fall business has been splendid, never better, and everybody seems satisfied.

A young man ordered a spray of flowers for his girl, which started the query, "Is she dead?"

G. F. CRABB.

MILWAUKEE.

Christmas business exceeded all former years, summing up the total, although a more noticeable shortage in colored roses was experienced than ever before. There was not nearly enough Maids and Meteors to go around and good stock ranged around top figures, \$15 to \$18 per 100.

White stock had to be substituted to a great extent to make up respectable proportions on orders. Although prices weakened on all white stock and supply was fair, still everything was cleaned up at the final rush. Carnations came to the rescue in fine shape, and, while just about enough to go around, still good reds were short of demand. Prices ranged \$4 to \$6, with market firm. Violets were not over plentiful, bringing \$2 per 100. The usual glut of this stock the last day was not noticeable this Christmas. Beauties were listed high enough to keep orders well within supply and what were in the market were disposed of early. Prices ranged from \$3 to \$12 per dozen, according to quality. Poinsettias sold readily from \$3.50 to \$5 per dozen. Romans, paper whites, stevia, mignonette were somewhat weak on the market the early part of the week, but later were pretty well cleaned up for work on orders for assorted flowers. Smilax was plentiful.

In holly, green, mistletoe, needle pines, wild smilax and other decorative stock there was an unusual call,

and the sign of prosperity is shown by the large amount of decorative stock used everywhere. Holly wreaths sold beyond the expectations of some of the florists and many were cleaned out by Saturday.

Blooming plants, palms, ferns and araucarias came in for a good share for Christmas gifts. The weather was ideal for delivery until late Saturday, when it turned cold, and plants had to be protected against frost.

The outlook for New Year's trade is good, but a shortage of stock is anticipated.

GEO. W.

DENVER, COLO.

The following scores were made by the Denver Florists' Bowling Club, Dec. 19, 1899:

	1st.	2d.	3d.	Ave.
John Berry	155	186	183	174
J. N. Jacobson.	140	134	137	137
A. M. Lewis.	169	153	136	153
Ed. Emerich	164	147	159	155
Robt. Kurth	212	167	157	179
Chas. Mauff	129	181	221	177
Chas. Thiess	167	136	139	147
Al. Mauff	168	208	158	178
Chas. Franz	115	257	146	173
Geo. Brenkert	171	148	189	169
Geo. Zimmer	135	124	124	128
Don Scott	140	181	170	164
John Ferriss	136	162	169	156
A. A. Benson.	124	109	180	141
Chas. Meyer	143	112	143	133

GEO. ZIMMER.

AUBURN, N. Y.—Trade has been very brisk, chrysanthemums selling better than ever before, and prices were good, too.

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M. S. WORDEN.
North Adams, Mass.

The paper has been in many instances a great help to us in our business and we would not be without it. We wish you abundant success.

BOEHRINGER BROS.
Bay City, Mich.

I am very much pleased with The Review and I wish you every success with it.

FRED C. WEBER.
St. Louis, Mo.

I could not get along without the paper, as it contains so much valuable advice and hints.

GEO. DOBBS.
Auburn, N. Y.

I think The Review is keeping its place well in front. And it has my sympathy, as any other would have that breaks away from monopolists' lines.

JOHN B. FERGUSON.
Pittsburg, Pa.

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I cannot keep house without it.

Swope, Mo.

F. W. FELTEN.

I think your paper the best connected with the trade and would not do without it.

St. Paul, Minn.

W. SCOTT.

I am extremely well pleased with The Review. The make-up of each issue is as near perfect as can be. The classified ads have been a great help to me (and to many others, I presume) in buying stock.

Unadilla, N. Y.

N. H. PADGETT.

I wish The Review the fullest success, which it so thoroughly deserves.

Carlisle, Pa.

JESSE ROBBINS.

May you prosper in the future as in the past, and may all of us live many years to Review it.

St. Louis, Mo.

F. J. FILLMORE.

PORTSMOUTH, R. I.—Mrs. Geo. O. Rodgers has sold her farm and greenhouse to Henry C. Anthony, the seed grower.

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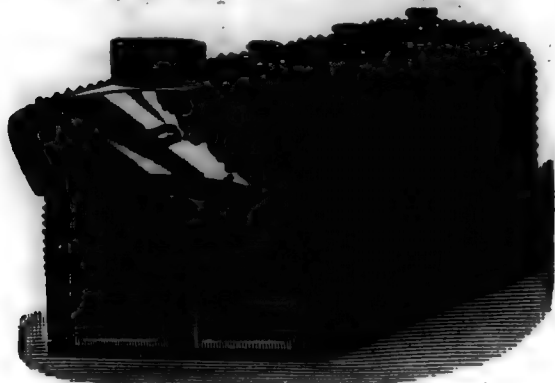
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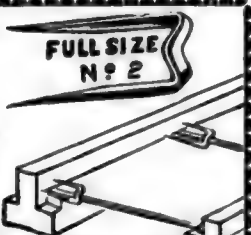
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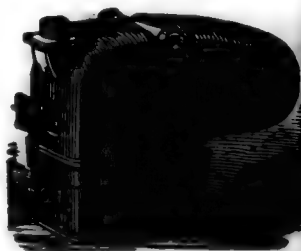
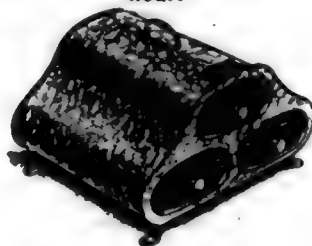
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FLORISTS' PUBLISHING CO., 520-535 Carlton Building, CHICAGO.

Vol. V.

CHICAGO AND NEW YORK, JANUARY 4, 1900.

No. 110.

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The **\$30,000** Queen of **Carnations** For Spring Delivery

COMMENCING FEB. 1, 1900.

PRICES:	Per dozen.....	\$3.00
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The quoted prices are for the TRADE ONLY, and all orders must be from dealers. Cuttings will be carefully packed under the supervision and sent direct from the establishment of the originator and grower,

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1898 Cut:

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Oct.....7,485
Nov.....1,683
Dec.....4,105

1899 Cut:

Jan.....2,570
Feb.....3,120
March.....8,008
April.....5,006

1899 Cut:

May.....5,520
June.....4,108
July.....7,688
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Therefore buy

**Palms
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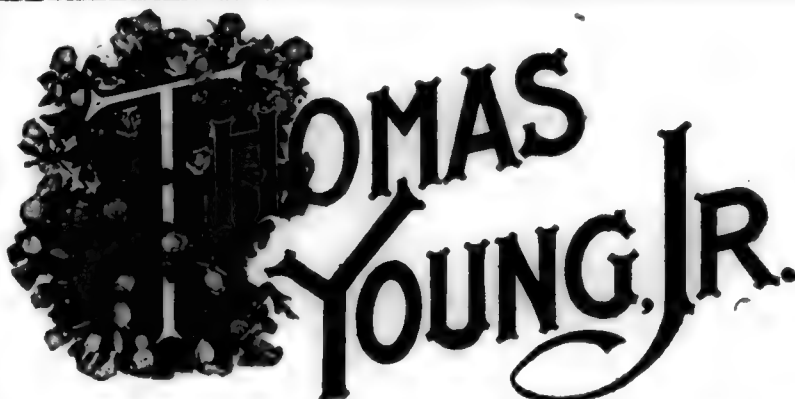
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The Past and the Future.

Let us congratulate The Review on the fact that it will be the first floricultural trade paper printed and sent flying all over the world in the last year of the century. Let us extend to all in our business—the old and the young, the great and the small—our congratulations and hopes for a bright future. It is an all important matter for contemplation that whatever we think, say, or do belongs to this end-of-the-century year, and that all of us, we hope, are destined to have the opportunity of assisting in some way to make the new era the brightest and the happiest, certainly the most wonderfully advanced, of all that has passed.

We, the retail florists of America, have nothing to be ashamed of in our share of the world's floricultural history during the past hundred years, for though as a distinctive line of trade ours can only date back to the latter part of it, yet in that brief time we have accomplished more, sold more, perhaps, than the combined florists of the Old World. The American retail florist can only refer back to or study the past fifty years. The struggles of those early days were pathetic—heroic. Coming from homes across the seas, moneyless, but rich in love of flowers, we find them starting upon nothing with the few insignificant plants and flowers they found here; for one of the first sales we can trace is a pot of ivy, then a geranium, again a rose plant, till boxes and hanging baskets were filled, and finally it got large enough to open a store and cause competition.

To the Society of American Florists we would say, when holding your great convention in New York next August: Go in a body to Old Washington Market, where the first flowers and plants were sold, and have the venerable Charles Zeller unveil a bronze tablet to the memory of the few who started the business on the glittering road it has traversed, aye, to those who made the trade even what it is to-day, for history and even present events cast a halo 'round their names.

It was only the other day we met

an old friend, and after summarizing the present Christmas trade, he started anecdotes of thirty years ago; sand was used in place of moss then, and broom corn stalks for sticks, thread instead of wire, yes, often pieces of white cotton were used in wreaths to fill in between flowers. We, ourselves, down to fifteen years ago manufactured roses out of fallen petals; the same with camellias. Balsams were the leading flower for "groundwork," and no funeral would be complete without the tuberose, and what carnations and roses! And then the prices—whew! It's delicious to look back on the past for some things.

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an old friend, and after summarizing the present Christmas trade, he started anecdotes of thirty years ago; sand was used in place of moss then, and broom corn stalks for sticks, thread instead of wire, yes, often pieces of white cotton were used in wreaths to fill in between flowers. We, ourselves, down to fifteen years ago manufactured roses out of fallen petals; the same with camellias. Balsams were the leading flower for "groundwork," and no funeral would be complete without the tuberose, and what carnations and roses! And then the prices—whew! It's delicious to look back on the past for some things.

The civil war took many of the country's brightest florists away, but the prosperity that followed the struggle gave the greatest impetus to floriculture, and there are many among us to-day who are deserving of as much honor as the greatest men in other lines of art, science, or commerce. Let us just glance at history.

What does the world's floricultural history tell us? Oh, yes; our art was recognized at the very start; it has

decked both the civilized and the uncivilized natures in every corner of the earth; we know there were many lovely designs made in the earliest ages, but the descriptions and prices of floral decorations in almost all ancient history are purely mythological suppositions. And what do we find in modern history? Well, several affairs where as high as \$1,000 or \$1,500 were spent by whole nations or rulers to beautify certain celebrations.

All Europe thought the French were crazy—aye, even the French themselves imagined they were influenced by the highest pinnacles of enthusiastic grandeur when they paid \$2,500 for the floral decorations to crown Napoleon and Eugenie's glory. Within the past twenty years, even twelve years, this sumptuousness has been cast into shadow by private citizens of New York. Over \$3,000 was paid for the flowers used to decorate one dinner and there have been several society balls where the floral decorations have cost \$5,000, and we have reason to believe the decorations at one wedding cost \$8,500. Many a belle has had \$400 or \$500 worth of bouquets sent her at the Patriarch's ball, and the combined value of the floral decorations and bouquets seen at those events would often reach \$10,000. All honor to those who were and are equal to the occasion.

The astonishing growth of our business during the last quarter of the century may be attributed by one authority or another to several causes, but history or facts will prove that next to the prosperity of the country the retail florists deserve the greatest credit. It was they who put the value on stock and induced the growers not only to build, but gave them the means of doing it. It was they who, just as they are continuing to do, enhanced the worth of plant or flower by beauty of arrangement, and en-



View in Fleischmann's Window.
NEW YORK STORES AT CHRISTMAS.

couraged and demanded higher and more perfect types of material. But we wish to be generous, and give all a share in the glorious achievement of raising American floriculture to such a high standard. When you come closer to the retailer and study art, you will find that it is of a quality all alone; there is no country to-day where floral art has reached the standard raised by Americans, and this was made possible only by the production of perfect flowers, for it is to excellence of material almost as much as to refined judgment that

technical knowledge of and better appreciation of commercial flora, ideal and successful flower shows, a more definite realization of "the survival of the fittest" in everything, a Society of Floral Artists, a National Horticultural Society, the concentration of specialists in cultivation as well as artists in arranging, in larger and more magnificent city establishments, the disappearance of trade or horticultural newspapers run by cliques or in the interest of growers alone, the supplying of European flower markets in winter by American growers, a

specially intended for retailers, we are told that there are very few growers who don't peruse this corner, for what sells best in the market interests all, and if a paper is worth reading it is worth the paltry subscription of one dollar a year. We want you to help us make this department better than it is; we help you, you can help others, and make this year memorable in many ways.

The convention next August will possibly be the largest gathering of florists and the best trade exhibition ever seen anywhere; it is to be hoped that the retailers will either make a creditable display or see one that will benefit them in many ways. The smallest are often capable of producing the greatest results, and there is no florist too humble or too poor to aspire to in some way elevate floriculture. We must all understand that to learn is compulsory with the florist; to succeed he must continually study. No man can say that he has passed entirely through the school, for in every branch of our trade there is lots of room at the top. 'Tis well it is so, for that fact will always insure greater effort and higher attainments.

The observant among us will have noticed many things the past Christmas and New Year's day and will benefit thereby. The demand for flowering plants will increase, but we must improve in cultivation as well as in variety. Every dealer will admit that if he had better stock he could have sold very much more. Take ericas; we must have brighter colors; there will be a use for plenty of tall poinsettias, but the short ones in pans will increase in popularity. We must have roses in pots; ditto bright colored carnations. And what is the matter with Euphorbia Jacquinæiflora? Although for cheap work ordinary Chinese primroses will do, yet we must have those named varieties, such as Crimson King (a grand color), Giant Pink, Purity and Reading Blue.

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One prominent feature of the plant trade at Christmas was Begonia Glory of Lorraine; it was forced too much and, after a week in the stores, shed its flowers in consequence. Much of it was left on hand, and it is more than likely many retailers will refuse to buy it again; that would be a grave mistake, because it is a lovely thing, grand in hanging baskets.

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We have already got the finest retail florists' stores and attachments in existence, the finest flowers and the highest prices to be seen or obtained anywhere, but we have much to learn and lots to avoid. A new element has crept into our business only to retard, not to stop, the growth of refinement. The monstrosities which are the fruits of narrow minds and dwarfed intellects can be seen like a fungus on every art in every age, but beauty of thought in language or substance remains imperishable through all vicissitudes.

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And there is no good reason why we should not commence some of the great improvements at once. The sooner we realize the fact that this country will neither become smaller nor less an important factor in the destinies of other nations, that the American people will not grow to be less lovers of the beautiful, we will understand that there can never be a market like ours, if we are but equal to it.

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MISCELLANEOUS SEASONABLE HINTS.

Looking Ahead.

In some greenhouse establishments there will by this time be a transformation scene. Christmas demands have cleared off benches, and stock wanted later will now receive attention. As I have often remarked, a florist must be a thinking man, at least more than in some callings, for if he is going to be successful he must be nearly always thinking and preparing a year or so ahead of time.

You will naturally want to perpetuate or prepare a good stock of those plants that were in most demand at the past holidays, and although your memory may be excellent, and you a veteran at the business, it is far safer to make a memorandum of the quantities you had and how they sold, as well as what you should have had. There is one broad fact: A man who keeps a store buys everything and is under no expense for growing. He makes a fair profit on all he handles. But the man who has a greenhouse and retails should endeavor to raise all he possibly can and have it in the best order when wanted. If he has to buy much he makes little profit, for he has had the expense of running the greenhouses, which will more than consume the profits on what he buys.

It is these considerations that compel us to see the great advantages of a division of labor. Growing or producing and retailing are entirely distinct businesses. If you found a man with the ability for both, it would be impossible for him to practice both. One would unfit him for the other. And although there are perhaps thousands trying to do this very thing, the sooner this grand division of the business occurs the better.

Azaleas.

Azaleas that have been used for decorating or where not well enough flowered to sell can either be put in a good warm house and encouraged to grow (in which case they will set

their buds very early and can be flowered early in the fall), or they can be put in a cool house and can wait till after Easter, when you will have others to prune back and start growing.

While on Azaleas, let me remind you that your Easter plants should now be in a very cool house. That splendid old variety, Mme. van der Cruyssen, is always difficult to keep back, but remember that anything above freezing will do for the Indian azaleas that you want to retard.

Cytisus.

Cytisus (or genista, as it is often called) also wants a very cool house, or it will be too early for the middle of April.

Poinsettias.

Poinsettias have sold so well that we are short of plants for next year's stock. If grown in pots, and you have any left, just lay them on their sides under a dry, warm bench; the dryer they get the better. Those grown on benches for cutting is where most of the stock will come from. They can be lifted and their roots put into flats of dry soil and they will keep in any dry, warm house or shed. Early April is quite early enough to start these old plants growing.

Begonia Gloire de Lorraine.

It is not advisable to try and grow on poor plants of the beautiful Gloire de Lorraine begonias. Good plants can be propagated now; or, rather, propagated now they will make fine plants a year hence. The European horticultural papers say they propagate them both by cuttings of the stems and leaves, the leaves making the thriftiest plants. We will allow them to be the best authority, for our experience is yet limited with this most attractive of plants.

Bulbs.

We have practiced this winter as we preached, and brought in no tulips

or Von Sions. Of late years there is always a large percentage of loss with these extra early attempts. After New Year's any of the good tulips, such as La Reine, Waterloo, Yellow Prince, or Rose Grisdelin, will force early and surely as well as Von Sion narcissus, providing, of course, that you boxed them early enough to be now well rooted, and that you give them a top heat of 70 deg., with plenty of moisture, and covered with cheese cloth or some other shading.

Don't attempt to force Dutch hyacinths till February. They are not in any demand and not very satisfactory.

Astilbe.

It will be time now to pot your Astilbe japonica. Give the roots a good soaking before you pot them and if short of room they will do under the bench for four or five weeks.

Crimson Ramblers.

We have a number of Crimson Rambler roses that were grown during summer in 7 and 8-inch pots and which made canes of 5 and 6 ft. The wood is well ripened and as the roots are not disturbed they will, I believe, come into flower with 10 or 11 weeks in the houses. But those lifted from the ground in November should not be exposed to very hard freezing at any time and should be now in a very cool house and coming along slowly. They take a good fourteen weeks to bring them in right. It takes some time to get them well rooted; anything like forcing would be fatal unless they were rooted.

With any plant of this kind, either established or not, it is proper to begin cool and let the heat increase gradually. If you have to do three weeks of strong forcing let it be the last three weeks, for that is natural and will do no harm.

Hydrangeas.

Hydrangeas could have been put into a cool house a month ago, but nothing like forcing should have been done up to this date. After they show signs of starting keep them in a temperature of 50 degrees. The last six weeks before Easter they will stand 60 degrees at night without harm, but are easily hurt in the early stages of their growth.

Various Plants.

There are several plants of which you lifted several for stock and now you have time and opportunity to propagate by putting in a batch of cuttings and disposing of the old plants, for the young stock will give you plenty of cuttings. I refer to salvia, ageratum, acalypha, feverfew, lobelia, sweet alyssum, etc.

Lilies.

The care of the Easter lilies will soon be on you, and you cannot begin to sort them over too soon. I notice at present that the Bermuda longiflorum will want at least 10 degrees higher from now on to bring them in with the

Harrisii, and you may as well give them the extra heat at once. If the 7 to 9 Harrisii were potted and started soon after receiving the bulbs they will be plenty early enough in a night temperature of 48 to 50 degrees for the next six weeks. I am glad to say that with us there is a decrease in diseased plants from last year.

WM. SCOTT.

NEW YORK.

There is but little to record on the first day of the year. In regard to business, in a certain degree we might repeat what we wrote you last week. Right after Christmas the weather became intensely cold and still continues so. It was impossible to sell flowers on the streets; too cold, even, to wear

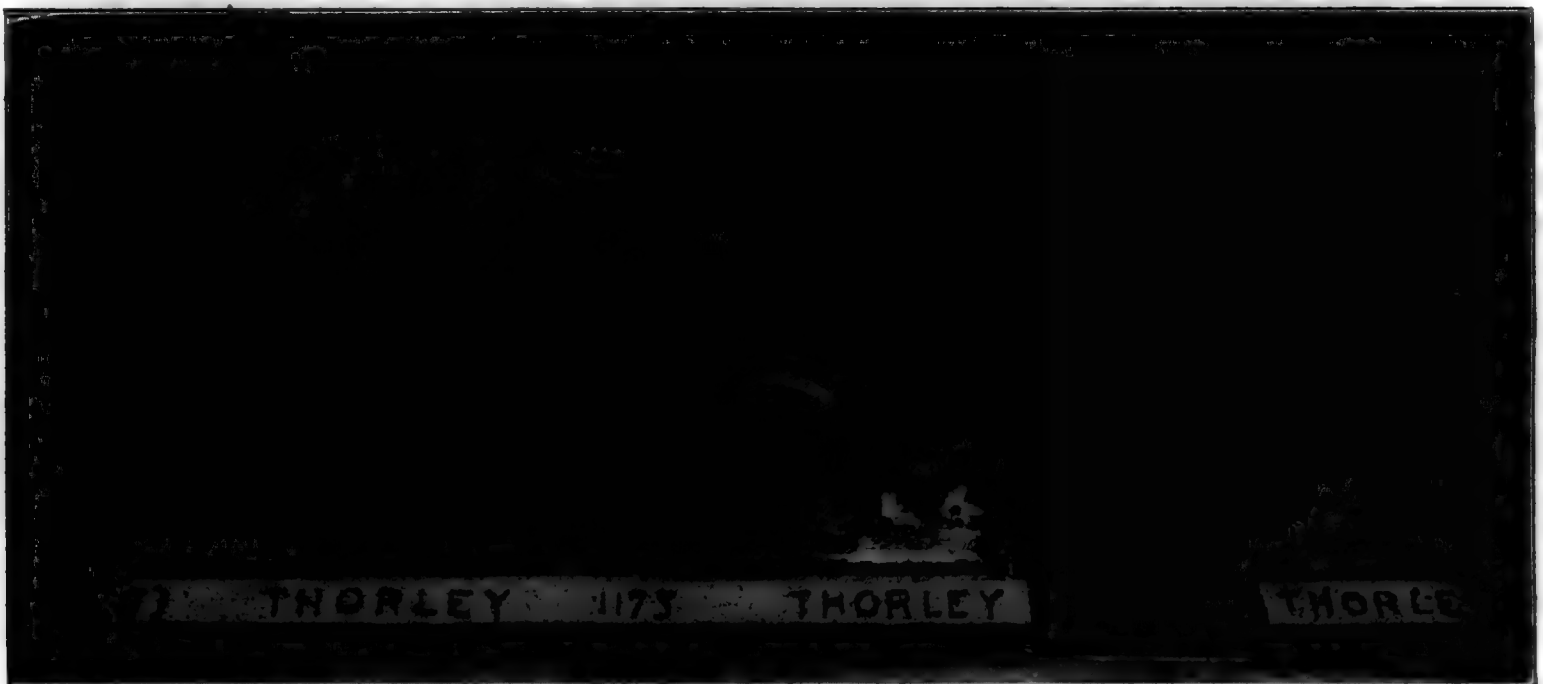
Traendly & Schenck's basement; the damage was very slight.

Remember, next Monday night, January 8, the Florists' Club meets. Bowling as usual in the afternoon. And on the Saturday following the New York Gardeners' Society will meet to discuss the question of quarterly meetings, at which all the local societies will be invited to exhibit. It is proposed to hold a grand carnation show in March, and it is hoped samples of every new carnation in America will be at this show. Then a rose show in June, and so on. Kindly prepare for them.

This seems to be the season of festivity. Invitations are still coming in from the outlying horticultural societies. We wish the trolley car or train services were better in many places.

TARRYTOWN, N. Y.

One of the most enjoyable affairs ever given by those in any way connected with horticulture in New York was the first annual dinner of the Tarrytown Horticultural Society, held in the Vanderbilt building, Tarrytown, December 28. Some seventy-five members and friends were present. From New York city to Sing Sing along the Hudson, and from West Farms to Greenwich along the Sound, there are probably more wealthy homes than can be found in any like rural section of the world, but this section of the country is not only famous for its wealth and scenic beauty, but for its horticulturists, and when, as on an occasion like the above, one can have the pleasure of meeting men whose names and



Thorley's Window.
NEW YORK STORES AT CHRISTMAS.

any; and if you are inclined to be reflective, consider these points and their effect on the market. Of course, there was quite a business done, but if we quote the majority of both wholesalers and retailers, it was only equal to that of a good Saturday trade.

Extra grade stock naturally went first, and at fairly good prices. There were many who offered plants and quite a few were sold. We don't wish to write anything discouraging on this day; nay, we would say if you are dissatisfied in any way, try another. New York is a splendid market for anything good, but the worst of all for anything poor, and it will continue so. All the wholesalers and retailers seem hopeful for a good year and the indications are bright; none brighter than we wish them.

There was quite a commotion among the Twenty-eighth street florists on Friday afternoon. The whole of the metropolitan fire department seemed to have been rushed to the street. The cause of it all was the electric wires in

We hear they had heaps of fun at Flatbush on the 28th. We are sorry we missed it.

J. I. D.

The employees of the well known firm of horticultural architects and builders, Messrs. Hitchings & Co., announce their third grand annual ball to be held in Columbia hall, 608 Ocean avenue, Jersey City, N. J., Tuesday evening, February 6, 1900.

At their meeting for the election of officers for the ensuing year, held December 4, 1899, the following officers were elected: President, Walter G. Gibbons; vice-president, John N. McArthur.

The committee on arrangements this year is an unusually active one, and promise that this ball will eclipse all their other attempts. No effort will be spared to make the evening an enjoyable one, and to their host of friends they extend a cordial invitation to be present and share in the enjoyment. Prof. Beggs' orchestra will furnish the music.

works are known all over, and others none the less earnest if known but locally, there is much to enjoy and more to learn.

In the absence of President Cockburn, William Scott presided, and surrounding him were representatives of the local, metropolitan and horticultural papers, the newly elected officers and some prominent local citizens. The menu was good and Messrs. Gibson, Neubrand and Cooke deserve much credit for the general arrangement.

With the coffee and cigars came the vocal and instrumental music and short speeches. Mr. Taaffe, Jr., dispensed sweet sounds on the violin and cornet; John Whyte, S. Butterfield, W. E. Marshall, James Scott and others sang appropriate songs, and Judge Andrews, John Shore, F. R. Pierson, J. W. Withers, Wm. Anderson, J. I. Donlan and others spoke on timely topics.

The election of officers for 1900 which took place at a short business meeting held before the dinner, resulted as follows: President, William

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Looking Ahead.

In some greenhouse establishments there will by this time be a transformation scene. Christmas demands have cleared off benches, and stock wanted later will now receive attention. As I have often remarked, a florist must be a thinking man, at least more than in some callings, for if he is going to be successful he must be nearly always thinking and preparing a year or so ahead of time.

You will naturally want to perpetuate or prepare a good stock of those plants that were in most demand at the past holidays, and although your memory may be excellent, and you a veteran at the business, it is far safer to make a memorandum of the quantities you had and how they sold, as well as what you should have had. There is one broad fact: A man who keeps a store buys everything and is under no expense for growing. He makes a fair profit on all he handles. But the man who has a greenhouse and retails should endeavor to raise all he possibly can and have it in the best order when wanted. If he has to buy much he makes little profit, for he has had the expense of running the greenhouses, which will more than consume the profits on what he buys.

It is these considerations that compel us to see the great advantages of a division of labor. Growing or producing and retailing are entirely distinct businesses. If you found a man with the ability for both, it would be impossible for him to practice both. One would unfit him for the other. And although there are perhaps thousands trying to do this very thing, the sooner this grand division of the business occurs the better.

Azaleas.

Azaleas that have been used for decorating or where not well enough flowered to sell can either be put in a good warm house and encouraged to grow (in which case they will set

their buds very early and can be flowered early in the fall), or they can be put in a cool house and can wait till after Easter, when you will have others to prune back and start growing.

While on Azaleas, let me remind you that your Easter plants should now be in a very cool house. That splendid old variety, Mme. van der Cruyssen, is always difficult to keep back, but remember that anything above freezing will do for the Indian azaleas that you want to retard.

Cytisus.

Cytisus (or genista, as it is often called) also wants a very cool house, or it will be too early for the middle of April.

Poinsettias.

Poinsettias have sold so well that we are short of plants for next year's stock. If grown in pots, and you have any left, just lay them on their sides under a dry, warm bench; the dryer they get the better. Those grown on benches for cutting is where most of the stock will come from. They can be lifted and their roots put into flats of dry soil and they will keep in any dry, warm house or shed. Early April is quite early enough to start these old plants growing.

Begonia Gloire de Lorraine.

It is not advisable to try and grow on poor plants of the beautiful Gloire de Lorraine begonias. Good plants can be propagated now; or, rather, propagated now they will make fine plants a year hence. The European horticultural papers say they propagate them both by cuttings of the stems and leaves, the leaves making the thriftiest plants. We will allow them to be the best authority, for our experience is yet limited with this most attractive of plants.

Bulbs.

We have practiced this winter as we preached, and brought in no tulips

or Von Sions. Of late years there is always a large percentage of loss with these extra early attempts. After New Year's any of the good tulips, such as La Reine, Waterloo, Yellow Prince, or Rose Grisdelin, will force early and surely as well as Von Sion narcissus, providing, of course, that you boxed them early enough to be now well rooted, and that you give them a top heat of 70 deg., with plenty of moisture, and covered with cheese cloth or some other shading.

Don't attempt to force Dutch hyacinths till February. They are not in any demand and not very satisfactory.

Astilbe.

It will be time now to pot your Astilbe japonica. Give the roots a good soaking before you pot them and if short of room they will do under the bench for four or five weeks.

Crimson Ramblers.

We have a number of Crimson Rambler roses that were grown during summer in 7 and 8-inch pots and which made canes of 5 and 6 ft. The wood is well ripened and as the roots are not disturbed they will, I believe, come into flower with 10 or 11 weeks in the houses. But those lifted from the ground in November should not be exposed to very hard freezing at any time and should be now in a very cool house and coming along slowly. They take a good fourteen weeks to bring them in right. It takes some time to get them well rooted; anything like forcing would be fatal unless they were rooted.

With any plant of this kind, either established or not, it is proper to begin cool and let the heat increase gradually. If you have to do three weeks of strong forcing let it be the last three weeks, for that is natural and will do no harm.

Hydrangeas.

Hydrangeas could have been put into a cool house a month ago, but nothing like forcing should have been done up to this date. After they show signs of starting keep them in a temperature of 50 degrees. The last six weeks before Easter they will stand 60 degrees at night without harm, but are easily hurt in the early stages of their growth.

Various Plants.

There are several plants of which you lifted several for stock and now you have time and opportunity to propagate by putting in a batch of cuttings and disposing of the old plants, for the young stock will give you plenty of cuttings. I refer to salvia, ageratum, acalypha, feverfew, lobelia, sweet alyssum, etc.

Lilies.

The care of the Easter lilies will soon be on you, and you cannot begin to sort them over too soon. I notice at present that the Bermuda longiflorum will want at least 10 degrees higher from now on to bring them in with the

Harrisii, and you may as well give them the extra heat at once. If the 7 to 9 Harrisii were potted and started soon after receiving the bulbs they will be plenty early enough in a night temperature of 48 to 50 degrees for the next six weeks. I am glad to say that with us there is a decrease in diseased plants from last year.

WM. SCOTT.

NEW YORK.

There is but little to record on the first day of the year. In regard to business, in a certain degree we might repeat what we wrote you last week. Right after Christmas the weather became intensely cold and still continues so. It was impossible to sell flowers on the streets; too cold, even, to wear

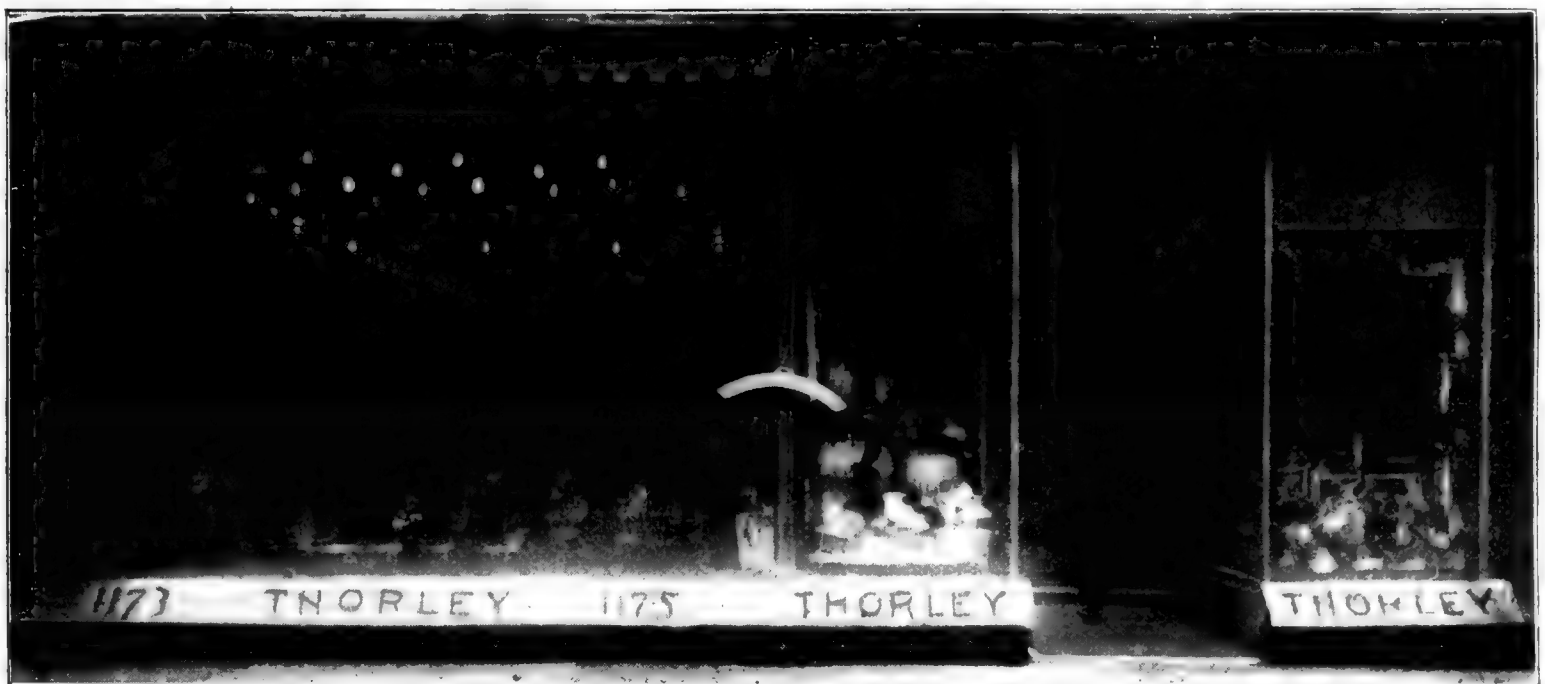
Traendly & Schenck's basement; the damage was very slight.

Remember, next Monday night, January 8, the Florists' Club meets. Bowling as usual in the afternoon. And on the Saturday following the New York Gardeners' Society will meet to discuss the question of quarterly meetings, at which all the local societies will be invited to exhibit. It is proposed to hold a grand carnation show in March, and it is hoped samples of every new carnation in America will be at this show. Then a rose show in June, and so on. Kindly prepare for them.

This seems to be the season of festivity. Invitations are still coming in from the outlying horticultural societies. We wish the trolley car or train services were better in many places.

TARRYTOWN, N. Y.

One of the most enjoyable affairs ever given by those in any way connected with horticulture in New York was the first annual dinner of the Tarrytown Horticultural Society, held in the Vanderbilt building, Tarrytown, December 28. Some seventy-five members and friends were present. From New York city to Sing Sing along the Hudson, and from West Farms to Greenwich along the Sound, there are probably more wealthy homes than can be found in any like rural section of the world, but this section of the country is not only famous for its wealth and scenic beauty, but for its horticulturists, and when, as on an occasion like the above, one can have the pleasure of meeting men whose names and



Thorley's Window.
NEW YORK STORES AT CHRISTMAS.

any; and if you are inclined to be reflective, consider these points and their effect on the market. Of course, there was quite a business done, but if we quote the majority of both wholesalers and retailers, it was only equal to that of a good Saturday trade.

Extra grade stock naturally went first, and at fairly good prices. There were many who offered plants and quite a few were sold. We don't wish to write anything discouraging on this day; nay, we would say if you are dissatisfied in any way, try another. New York is a splendid market for anything good, but the worst of all for anything poor, and it will continue so. All the wholesalers and retailers seem hopeful for a good year and the indications are bright; none brighter than we wish them.

There was quite a commotion among the Twenty-eighth street florists on Friday afternoon. The whole of the metropolitan fire department seemed to have been rushed to the street. The cause of it all was the electric wires in

We hear they had heaps of fun at Flatbush on the 28th. We are sorry we missed it.

J. I. D.

The employees of the well known firm of horticultural architects and builders, Messrs. Hitchings & Co., announce their third grand annual ball to be held in Columbia hall, 608 Ocean avenue, Jersey City, N. J., Tuesday evening, February 6, 1900.

At their meeting for the election of officers for the ensuing year, held December 4, 1899, the following officers were elected: President, Walter G. Gibbons; vice-president, John N. McArthur.

The committee on arrangements this year is an unusually active one, and promise that this ball will eclipse all their other attempts. No effort will be spared to make the evening an enjoyable one, and to their host of friends they extend a cordial invitation to be present and share in the enjoyment. Prof. Beggs' orchestra will furnish the music.

works are known all over, and others none the less earnest if known but locally, there is much to enjoy and more to learn.

In the absence of President Cockburn, William Scott presided, and surrounding him were representatives of the local, metropolitan and horticultural papers, the newly elected officers and some prominent local citizens. The menu was good and Messrs. Gibson, Neubrand and Cooke deserve much credit for the general arrangement.

With the coffee and cigars came the vocal and instrumental music and short speeches. Mr. Taaffe, Jr., dispensed sweet sounds on the violin and cornet; John Whyte, S. Butterfield, W. E. Marshall, James Scott and others sang appropriate songs, and Judge Andrews, John Shore, F. R. Pierson, J. W. Withers, Wm. Anderson, J. I. Donlan and others spoke on timely topics.

The election of officers for 1900 which took place at a short business meeting held before the dinner, resulted as follows: President, William

Turner; vice-president, William Stevenson; treasurer, E. W. Neubrand; secretary, William McCord; executive committee, F. Gibson, L. A. Martin, R. Angus, M. J. Connellan, J. Egan, J. Nicoll, W. Scott and J. Smith, each of whom assured the assemblage they would do their utmost to advance the interest of the society. It is intended to hold one or two grand flower shows during the year. J. I. D.

BUFFALO.

The glory of New Year's as a flower day has departed. Yet there was a fair business done. Few plants were asked for, and it was roses, carnations and violets that changed hands. Incoming aldermen and city officials were the recipients of baskets and bunches of

kets devoted to flowers, the universal use, and extremely low prices, etc., and then the correspondent asked why our prices were out of the reach of the masses. We happen to know one man in Belgium growing carnations for the Paris market, growing them in our style, and he gets quite as good a price for his product the year round as we do in this country. Covent Garden also gets quite as good prices for roses and carnations as the grower gets in New York, and I think if London and Paris had such Bridesmaids as New York offers, or the carnations from Dailledouze Bros., that they would bring a larger price than they bring here. Paris may and does get carloads of cheap rubbish from Italy which doubtless sells at a very low figure, and that is what the casual observer notices, and then spins a yarn about.



View in the wholesale store of Thos. Young, Jr.
NEW YORK STORES AT CHRISTMAS.

roses. The big charity ball came off in the evening and two buds emerged into society during the afternoon, and, altogether, there was an air of good feeling and good business. The real air was a few degrees above zero, with plenty of snow, with the sun shining, so from the native point of view it was an ideal New Year's. Prices ruled about the same as at Christmas, with a rather better opportunity for the retailer to come out whole.

All nature will feel the lengthening days, even if they be at present but a trifle longer, and we shall soon have more flowers, a cheaper price and more sales. It is pleasanter all round to sell to more people at a reasonable price than to the select few at what seems an extortionate price, although these holiday prices are no extortion, neither the grower nor the retailer getting more than a very moderate profit.

I read in one of our best dailies a few weeks ago an article on the flower markets of Paris, the number of mar-

If we had fuel for hauling, or at George Fancourt's price, intelligent slaves for help and a few other advantages, we might produce flowers at less cost. But with present conditions and prices the margin of profit is small, even in the best managed establishments. In sunny climes, where flowers spring from Mother Earth the year round, there are no florists; but where blizzards prevail and flowers are a luxury, florists exist, and till we can get flowers from Porto Rico or Mexico landed here as good as the home product (which they never can be), flowers will cost money when produced under glass and under such unfavorable conditions.

"W. S." received a terrible call-down from "W. N. R.," the sage of Mt. Greenwood, Ill. You would not think that placid, smooth and lovable man had so much venom or would attempt to crush a "poor worm," but we know him. Oh, yes, we know him. He is not angry at the writer, but hates the

noble society which he founded to be called in question even in the slightest. We freely acknowledge the Ananias Society to be noble without any question, but were not so sure that outside of its membership it was considered so noble. We made a mistake and are sorry for it, and trust that with this apology the noble founder will not seek to deprive us of our offices and emoluments. W. S.

C. S. A. CUP CONTEST.

The silver cup offered by the Chrysanthemum Society of America for the seedling scoring the highest average before three or more committees is awarded to Nathan Smith & Son, Adrian, Mich., for their new variety Goldmine, which scored as follows:

	Commercial scale.	Exhibition scale.
At New York.....	95	95
At Philadelphia	88	88
At Chicago	92	..
At Boston	97	97
	372	280

Average Commercial scale 93, average Exhibition scale 93.33. The two scales give a total average of 93.16.

The variety Col. D. Appleton was a close second in this contest, with a total average of 92.16.

ELMER D. SMITH, Sec'y.

BOSTON.

Is it too late for a word about Christmas? Well, we had one. There is no doubt about that. The skies were blue and balmy, the gentlest of zephyrs wafted the odor of the growing grass, the birds twittered about their spring costumes, and only a very few days ago both pansies and dandelions were to be had for the seeking in their natural haunts.

Oh, it was Christmas all right. And trade went funny. There was an almost standstill, with even a droop in prices until Saturday morning, when it burst upon the timid salesmen like the attack of the Boers upon Buller's relief column. Never was there a more quick lunch made of a huge supply of all kinds of bloom. Prices doubled up like a jack-knife; roses 8 to 40 cents each in pink, white and in Meteors, and Beauties called for \$1.50 each in best grades. Pinks started out bravely, but met with a slight rebuff, and the always accommodating dealers went down a peg on figures so that in the aggregate they did not go so well as the roses. And it was the same on violets. Starting at \$2.50 and \$3 per 100 in the morning, they were obliged to sell at less than half that before night. But both pinks and violets were scarce for a day or two afterwards and sold for better prices. Since Christmas, trade has been rather quiet, naturally, but we are still throwing open the boxes and looking around hopefully.

The only driftwood that has floated upon the beach within my reach is the wreck of the Stearns Company down on the reefs of Ordway Place. Captain Stearns and Sailing Master James

Review of the work of the Chrysanthemum Society of America for 1899.

NAME.	WHERE SHOWN.	DATE.	EXHIBITED BY.	COLOR.	TY P.	POINTS SCORED.										
						Scale	Color	Form	Fullness	Stem and Foliage	Subst'ce	Size	Distinct	Stem	Foliage	Total
Primo	Boston	Oct. 14	G. P. Rawson, Elmira, N. Y.	White	Jap.	C	23	22	12	8	7	15	..	..	..	87
Zaza	"	Nov. 4	"	"	Dbl. Jap.	E	24	15	12	8	8	2	..	..	..	88
Monrovia	Cincinnati	Oct. 21	Nathan Smith & Son, Adrian, Mich.	Yellow	Jap. Ref.	C	22	18	14	9	10	12	..	..	..	85
Orizaba	Chicago	Nov. 11	"	Pink	Jap.	C	22	20	13	7	8	13	..	..	..	83
"	Phila	"	"	"	Jap. Inc.	C	20	23	14	9	8	12	..	..	..	86
"	Cincinnati	"	"	"	"	E	12	14	9	..	..	12	19	9	9	84
"	Chicago	"	"	"	"	C	18	16	13	8	8	11	..	..	..	74
Nesota	Phila	"	"	Yellow	Ref.	C	19	22	13	8	8	13	..	..	..	83
"	"	"	"	"	"	E	23	20	10	9	7	14	..	..	..	83
No. 72	Cincinnati	"	"	"	"	E	14	12	7	..	..	11	23	9	9	88
"	Phila	"	"	Light bronze yellow	Jap. Inc.	C	14	12	7	10	6	12	..	..	..	61
"	"	"	"	"	"	E	20	21	13	9	8	12	..	..	..	83
*Pluma	Cincinnati	"	"	Bronze	"	E	12	12	8	..	..	12	21	9	9	83
**	New York	Nov. 25	"	Light pink	"	E	14	11	10	9	7	11	..	..	..	62
"	Boston	"	"	Delicate pink	"	C	15	24	15	8	8	10	..	..	..	80
"	Phila	"	"	Light pink	Inc.	E	13	12	10	..	..	15	20	10	6	86
†	"	"	"	"	"	C	20	23	14	8	9	12	..	..	..	85
Goldmine	Chicago	"	"	Pink	"	E	11	13	9	..	..	12	23	9	8	83
(Exhibited as Stellita)	New York	"	"	Rich yellow	Jap.	E	11	13	10	..	..	12	21	8	8	83
"	Phila	"	"	Yellow	Jap. Ref.	E	24	23	14	9	10	15	..	..	..	95
"	"	"	"	"	"	E	15	12	9	..	..	14	25	10	10	95
† White Bonaffon	Chicago	"	"	"	Jap.	E	23	22	12	8	8	15	..	..	..	88
"	New York	"	"	White	Inc.	E	12	12	8	..	..	15	23	9	9	88
"	Phila	"	"	"	Jap. Inc.	C	24	23	14	8	10	18	..	..	..	92
"	Chicago	"	"	"	Inc.	C	20	24	15	10	10	10	..	..	..	89
Intensity	Boston	"	"	Crimson	Jap.	C	22	23	13	9	9	13	..	..	..	89
"	"	"	"	"	"	E	22	22	13	8	8	12	..	..	..	85
"	Phila	"	"	"	Jap. Ref.	E	25	25	15	7	10	12	..	..	..	94
"	"	"	"	"	"	E	15	12	10	..	..	15	23	10	5	90
"	Chicago	"	"	"	"	E	28	22	14	7	8	13	..	..	..	87
"	Boston	"	"	Deep lavender pink	"	E	13	12	8	..	..	13	22	8	8	82
"	"	"	"	"	"	E	12	13	10	..	..	12	21	7	7	82
Lavender Queen	Phila	"	"	Pink	"	E	25	23	15	8	6	15	..	..	..	92
"	"	"	"	"	"	E	15	14	10	..	..	15	22	10	9	95
White Bonaffon	Boston	Dec. 2	"	Cream white	Jap. Inc.	E	19	21	18	9	8	13	..	..	..	83
Goldmine	"	"	"	Golden yellow	Jap.	E	11	12	8	..	..	13	20	9	9	82
Superba	New York	Dec. 9	"	Silvery pink	Jap. Inc.	C	20	23	15	9	10	8	..	..	..	87
"	Phila	"	"	Pink	"	E	25	24	15	9	10	15	..	..	..	97
"	Chicago	"	"	"	"	E	15	14	10	..	..	15	25	10	8	97
"	Boston	Dec. 16	"	Silvery pink	Jap. Inc.	C	22	22	15	8	9	13	..	..	..	90
"	Cincinnati	"	"	"	"	C	22	23	14	9	9	13	..	..	..	90
Walter Molatsch	New York	Oct. 21	H. A. Molatsch, Brooklyn, N. Y.	Rich clear yellow	"	C	22	23	15	9	10	12	..	..	..	89
"	Boston	"	"	Yellow	"	C	20	22	13	9	10	14	..	..	..	88
"	Phila	"	"	"	Inc.	C	22	23	15	10	7	15	..	..	..	93
Georgina McDonald	"	"	Wm. Paul Binder, Rider, Md.	White	Ref.	E	23	22	13	8	8	13	..	..	..	87
Marguerite	"	Oct. 28	"	Lemon white	Jap.	E	13	13	8	..	..	13	23	8	8	86
Mrs. George C. Jenkins	"	"	"	Pale pink	Jap. Inc.	E	22	21	12	7	8	12	22	7	8	82
Admiral Schley	"	Nov. 4	"	Light pink	"	E	18	13	9	..	..	13	20	7	7	85
No. 88	"	Oct. 23	John N. May, Summit, N. J.	Pink	"	E	22	18	15	8	9	14	..	..	..	82
No. 125	"	"	"	Pale pink	Jap. Ref.	E	13	12	10	..	..	14	22	8	8	87
Winona	"	"	"	Light pink	"	E	20	23	14	8	9	12	..	..	..	86
E No. 10	"	Nov. 4	"	White	Jap. Inc.	E	11	14	9	..	..	13	23	8	8	86
Bonita	New York	"	"	Bronze and old gold	"	E	20	22	13	9	8	12	..	..	..	84
"	Phila	"	"	Bronze	"	E	12	18	8	..	..	12	20	9	9	83
E No. 5	"	Nov. 11	"	White	"	E	17	19	13	8	6	13	..	..	..	76
Eulalie	New York	Nov. 15	"	White, tinted pink	Jap. Ane.	E	10	11	8	..	..	12	19	8	8	76
"	Phila	"	"	White, lemon center	Ane.	E	21	23	14	9	8	14	..	..	..	89
Col. D. Appleton	Boston	Nov. 4	John Marshall, Purchase, N. Y.	Yellow	Jap. Inc.	E	13	14	10	..	..	14	22	9	9	90
"	Chicago	"	"	"	"	E	22	23	15	9	7	15	..	..	..	91
"	Phila	Nov. 18	"	"	"	E	13	14	10	..	..	15	23	10	8	93
† Souci	New York	Nov. 4	{ J. Carstair, New Rochelle, N. Y. }	"	"	C	24	22	13	9	9	13	..	..	..	95
§ Mrs. Mariane Dalskov	"	Nov. 11	{ M. Hansen, New Durham, N. J. }	White	"	C	23	22	13	10	9	13	..	..	..	91
Chestnut Hill	Phila	Nov. 18	{ R. G. Carey, Gard to T. C. Price, Chestnut Hill, Pa. }	Yellow	"	E	13	14	8	..	..	12	22	9	10	88
¶ Margaret Enright	Cincinnati	Nov. 25	{ Mrs. J. G. Robinson, Santa Clara, Cal. }	White, shaded lemon	Jap.	C	23	23	11	9	9	13	..	..	..	89
Mrs. Edw. Salyer	Phila	"	{ E. Salyer, Wilkes Barre, Pa. care I. G. Marvin, Florist. }	White	Jap. Inc.	C	13	14	10	..	..	13	23	8	8	89
Florence E. Denzer	"	Dec. 19	Ant. C. Zvolanek, W. Hoboken, N. J.	Light pink	Jap. Ref.	E	22	23	14	9	8	13	..	..	..	89
"	Boston	Dec. 20	"	Lilac pink	Jap.	C	13	12	9	..	..	13	22	9	9	87
"	"	"	"	"	"	C	23	21	13	8	8	11	..	..	..	83
"	"	"	"	"	"	C	23	20	15	8	10	10	..	..	..	86

*Hairy. **Mrs. A. Hardy type. †Hirsute. ‡Not a sport from Bonaffon.

§Bright color. §Sport from Ermenilda.

¶Grown by E. G. Hill & Co., Richmond, Ind.

‡Waxy white reflex.

Galvin are safe, but some few owners of freight shipped via that line lost all they had on board. It is not yet known whether any will be saved.

Since writing this letter it has begun to snow and indications are that we are in for a regular old style fall of it.

B. T.

PHILADELPHIA.

Business has been good the past week, there being an old-time New Year's rush over the balls and parties given.

Hugh Graham had two large decorations and Julius Wolff, Jr., did the decorating for a wedding at the Mercantile Club, which required all his palms and an immense quantity of cut flowers.

Good Beauties, Brides and Maids are still very scarce. We notice a few daffies coming in, but not enough to make it worth while quoting.

Prices

Beauties, \$3 to \$9 per dozen; Brides and Maids, firsts \$8 to \$15, seconds \$3 to \$8; Kaiserins, Meteors, Morgans, Gontiers, Golden Gate, \$3 to \$15; La France and Perles, \$4 to \$8; Liberty \$15 to \$40 per 100. Cattleyas, \$60; cypripediums, \$15; carnations, ordinary, \$1.50 to \$3; fancy, \$4 to \$8; hyacinths, \$2 to \$3; valley, \$3 to \$5; narcissus, \$3 to \$4; mignonette, \$4; violets, single, 50 to 75 cents; double, \$1 to \$1.50; asparagus, 50 cents; adiantum, \$1; smilax, 15 cents.

R.

Christmas Note.

Christmas, ninety-nine, proved ideal from a grower's standpoint. The weather for the first five days of the week before was clear and cool, Saturday and Sunday were cloudy, but not until Christmas day did a cold wave reach Philadelphia. The effect of this was that plants, especially plants in bloom, could be safely and expeditiously delivered; the blooms for cutting matured rapidly and colored nicely, and everything that could reasonably be expected in flower flowered in time. The result was that the growers and retailers had a splendid Christmas.

The wholesalers would perhaps have done better had stock been a trifle scarcer; many growers who retail their product did not require so much extra stock as usual from the wholesale houses. There was more stock to be had at the last moment than usual. Lower grade carnations were very plentiful; the street men had lots of them to sell at 25 cents a dozen.

Beauties and violets were scarce and, of course, all the choice grades of cut flowers.

The best Beauty roses were very fine and brought \$15 a dozen; as far as known the effort to secure more for them in this city failed. A great many were sold at from \$6 to \$12 a dozen; smaller flowers at from \$4 to \$5 a dozen.

John Burton had about 400 nice Brunners. On being asked the price,

his salesman airily replied, "Oh, we are making them pay a dollar."

For several seasons past the great Bridesmaid growers hereabouts have become almost accustomed to taking down in several senses of the term. Their chosen retailer will beckon them below stairs and there show a choice vase of Maids from some medium or small grower which has astonished them. First it was "Samuelson, of Hatboro," then Savage of Mt. Airy, Jennings of Olney, Knox of Fox Chase, Mortensen of Southampton; now it is Weiss of Hatboro. Such Maids! with deep, rich color, stems thick as Beauties, and not a few of them, either. The price for these and a few specials, \$25 a hundred; choice stock, \$20.

The feature of the plant trade, and it was very large, was the business done in bloomers. I do not mean to say blooming stock was more popular than foliage plants, for it was not; but the increase was much greater in proportion to the business done in former years, and the prices obtained were surprising. Azaleas were very evenly flowered and sold well; also heaths.

The crowning glory of this class were the new Begonia Gloire de Lorraine. Our Thorley handled a large number of these plants. It was said he lay awake at night deciding the prices to be asked. His system, from which the growers can take a lesson, was something like this: "Now, this plant cost me \$2; it must bring \$4. Now, here is one from the Duc de Lorraine that cost \$3; it is more than twice as good as that \$2 one; we will make it \$8. Now, getting \$8 makes one consider the possibilities of \$9; I must find a plant worth \$9!"

Whether he did is not known, but \$8 apiece for begonias is a pretty good price, anyway.

Among the foliage plants, Boston ferns and kentias were very good and very popular. Robert Craig & Son had a \$5 sized Boston that was in great demand.

Now a word for the consumer. I think he has every reason to be satisfied with his Christmas purchases from the florists. Prices were high, but not for poor stock. As good, and in many cases better, value was given for the money than ever before. Fewer orders were refused and little delay or damage occurred in delivery.

GROWER.

ST. LOUIS.

The Market.

New Year's trade, though nothing extraordinary, was fairly good, with choice stock very scarce and prices somewhat lower. The quality of stock that is coming in now is not very good. Shipping trade all through the season was above the average.

Beauties are a scarce article in this market and the few that come in bring top prices. Brides, Maid, Meteors and Perles bring from \$6 to \$15 per 100. Carnations are quite plentiful and in

good demand. Scotts, Daybreak and all whites sell from \$2 to \$4; some fancy ones bring \$5. Good reds are very scarce. Violets are scarce and California sells at \$1.50 to \$2; small singles, 50 cents. Good doubles very scarce. Valley is in fine demand at \$4 and \$5 per 100. Romans and paper whites are still a glut and are selling for about nothing. Harrisii not in yet. Callas bring \$10 and \$15. Mistletoe is in great demand, but very little to be had. Smilax sold well the past week at \$12.50.

What the different florists say about Christmas trade:

Riessen Floral Co: Business great. Worked three nights all through before Christmas. Best we ever had.

John Kunz: Sold out clean; business better than ever before, with good prices.

Fred Foster: Had a big stock of fruit and flowers and got away with it all; biggest business yet.

Ellison & Tesson: Both of our stores did a big business; in fact, all we could handle, with plenty of fine stock of our own.

Miss T. Badaracco: We did finely; great improvement over last year.

C. Young & Sons Co.: Had plenty of stock, and trade great; everything sold well, about 50 per cent better than last year.

Ostertag Bros.: Our business was better than ever. Good prices were obtained for choice stock. Green goods sold better than ever before.

George Walbart, Mrs. Ayers, and Mary Ostertag, on Grand Avenue, say that they were worked to death on Christmas day; business much better than last year.

F. C. Weber, Chas. Cannon, and Miss Newman sold out early in the day. Business better than last year, yet with better prices.

C. C. Sanders was well pleased with the holiday trade; sold pretty well out of everything.

Gus Egging, Beyer, Schray, Fillmore, Diemer, and Juengel, on the south side, did great business in cut flowers and plants.

Oscar Heile, on South Broadway, did much better than last year.

The north side florists, Fred Meinhardt, Julius Koenig's Sons, Julius Koenig, Jr., Max Rotter, and Brix, claim that this Christmas was better than they expected, especially green stuff; they sold out clean before the day was over.

Death of H. W. Chandler.

Harry W. Chandler, who a few years ago was the head of the Chandler Floral Co., died Tuesday from appendicitis. Mr. Chandler was well known among the trade. It will be remembered that he took an active part in entertaining the members of the S. A. F. when the convention was held here in 1893. The funeral took place Thursday afternoon from the family residence. Quite a few florists were seen at the house during the funeral services.

Notes.

F. W. Ude, Sr., and his son Gus are building two new houses for carnations and violets at Kirkwood. His other sons—F. W., Jr., H. G., and Charlie—are all in the business close by. Two of them—F. W. and H. G.—grow violets and carnations, and Charlie grows California violets only. All are doing well and have quite extensive places. They grow for the trade only.

The club meeting on January 11 will be a very important one. All the florists in the city and suburbs should attend. A carnation exhibition and essays will be the attraction. President Ammann requests that every member attend, without fail, and make the first meeting of the new year a banner one.

Herzog will make his own cigars. That Charlie Juengel will have a clean shave. That George Walbart will go hunting and fishing again. That Everett Guy will own a railroad. That Dr. Halstedt will be mayor of Belleville. That Henry Ostertag will attend all the club meetings.

Things That Will Happen in 1900.

That The Review will be read by all the florists in the land. J. J. B.

SAN FRANCISCO.

Christmas trade was good and everybody was satisfied. Everything sold well with the exception of pot plants, only a few pots of maidenhair fern and Roman hyacinths being sold. A few of our retailers made quite a cute move in removing a large part of their

get \$1, Flora Hill \$1, fancy mixed colors 75 cents; Portias and Scotts sold at \$1 per three dozen. Violets were very scarce, a rush being made on them. Princess of Wales, \$2 to \$2.50; California \$2; Swanley White \$2, Marie Louise \$2 per dozen bunches. Roman hyacinths sold well and better than expected at \$1 per three dozen; seconds \$1 per four dozen. Freesias, 35 cents per dozen. Smilax, 10 cents per string; asparagus, 15 to 20 cents per string. Outside chrysanthemums, 50 to 75 cents per dozen.

The weather was fine and helped the florist very much in disposing of his stock

The largest date palm so far as known in the state was planted in the Palace Hotel court this week. The plant is thirty-four feet in height,



**Cyrtopodiums at Koffman's.
NEW YORK STORES AT CHRISTMAS.**

Things That Are Not Likely to Happen in 1900.

That Charlie Kuehn will bowl on crutches. That Emil Schray will get married. That Frank Fillmore will make 300 at bowling. That Fred Weber and John Kunz will quit attending euchre parties. That Robt. Beyer will attend one night at the bowling alleys. That Henry Berning will stay away from the South Side. That Bob Teson will stop growing. That the juniors will beat the older club at bowling. That Ed. Buechel will not attend one banquet. That Chart Sanders will grow a beard. That John Young will quit playing billiards. That Carl Beyer will attend every bowling night. That Fred Ammann will miss a club meeting. That Frank Ellis will stay on this side of the river. That the wholesalers will quit selling to the fakir. That Fred Foster will quit the fruit business. That the club will hold a chrysanthemum show. That Max

potted plants to the cellars, claiming they could be sold some other day, while Christmas flowers could not. The few who tried this plan found it successful, as it enabled them to sell their stock of cut flowers clean at good prices.

Choice American Beauties were scarce and brought \$5 to \$9 per dozen. Brides and Bridesmaids were of better quality and went at \$2 per dozen; Perles \$1.50, La France \$1 to \$1.50 per dozen, Cecil Brunners went at \$1 per three dozen, Papa Gontiers \$1 to \$1.50 per dozen, Meteors \$2 to \$2.50. Poinsettias sold nicely, wholesale price being \$2 to \$3 per dozen, a good many customers preferring the poinsettia at \$5 per dozen retail to the higher priced American Beauty. Carnations went freely and some nice flowers were to be seen. The Hanna Hobarts at Siever's store were grand and large, some being four inches across. Prices for carnations were: Hobarts, \$1.25, \$2 and \$2.50 per dozen; Bradts \$1, Gold Nug-

nearly four feet around the trunk and cost \$500 in the ground at the California Nurseries, Niles, Cal. The cost of lifting and transportation to San Francisco and replanting amounted to several hundred dollars more. The plant weighs ten tons and required twelve horses and nearly a score of men to move it. A marble box is to be placed around the plant, which makes one more ornament to San Francisco's best hotel. J. N.

SAN JOSE SCALE.

A bulletin issued by the New Jersey Experiment Station announces that crude petroleum applied to dormant trees destroys all scales without injury to the trees. Kerosene emulsion is even better. The work must be thoroughly done, as the oil kills only by contact. It can be applied by either a brush or as a spray. If used in summer it should be applied to the trunk and branches only and not to the foliage.

CHICAGO.

The Market.

New Year's trade was fully equal to that of last year. It would probably have been better if the weather had not been so bitterly cold. However, nothing much is expected of New Year's any more except "a good Saturday business" on the day preceding. The supply was not very large and everything went except white, and we hear of a few thousand violets being left over.

Although the supply has increased a trifle during the past week there is not too much in colored stock to meet current demand at ruling rates, though the customary lull that always follows the holidays is now with us. Beauties still remain very scarce and prices are held up to Christmas rates. On other stock prices are generally easier. The price lists of two wholesalers will be found in their advs. in this issue.

McKellar & Winterson did an enormous business in Christmas greens this year. Holly was in better demand than ever. Immense quantities of green wreathing were called for, with fewer sales of the green in bulk. The winter berry has succumbed to the bitter cold weather and the last batch received was worthless. This firm is showing a fine line of prepared palms, and are able to meet the views of all sorts of buyers in palms.

The immense business now done in hardy ferns is shown by the fact that Kennicott Bros. Co. alone sold 104,000 of them in one week. They are also handling galax in very large quantities.

E. C. Amling is now installed in his handsome new quarters and they are so swell that a person involuntarily looks for a colored attendant at the door to take his coat and hat. The office enclosure is about ready to go into place and when really settled Mr. Amling will surely have a gem of a wholesale house. Mr. Heffron presides over a long line of solid oak tables and greets each comer with that inimitable Heffronic smile.

Peter Reinberg is now sole occupant of the former Reinberg Bros. place, and Mr. Spencer seems to find none too much space even then.

Geo. Reinberg is installed in the place formerly occupied by Mr. Amling, and Robert Northam is in charge.

Various Items.

A small blaze at the store of the Weiland-Risch Floral Co. in Evanston was caused by loose papers blowing in on to live coals.

We hear that Mr. W. N. Rudd had a very early caller on New Year's day—somewhere between 2 and 4 a. m.—who failed to leave his card but took with him a few souvenirs of his visit, including Mr. Rudd's valued diamond stud, a purse and his wife's watch. Mr. R. can go home at any time of the night now and tell Mrs. R. that it

is just 9 o'clock, and she won't be the wiser.

The big drop in the price of glass has decided Wietor Bros. to go ahead with their intended building operations. The new glass will include ten houses for Beauties, ten for Brides and Maids, five for Meteors and the remainder for carnations. The total additions will require from 150,000 to 175,000 square feet of glass.

August Lange does things on a large scale and admits no light weights. A baby boy arrived at his house last Sunday and it tipped the scales at 15 pounds.

Some of the north side florists indulged in bowling on New Year's eve, and admit the following scores: W. Graft, 104; Sam Pearce, 110; R. Damm, 103; G. Damm, 81; F. Weber, 93; E. Weber, 83; E. Benthey, 182.

The annual meeting of the Horticultural Society of Chicago is near at hand.

E. H. Hunt's new catalogue is about ready for the press.

WESTCHESTER, PA.

What is said to be the largest mushroom house in America is now being constructed by Mr. S. Rassmussen, superintendent of the John Wyeth farm at Westtown. The building is 88x116 feet, having four tiers of beds, giving about 40,000 square feet of planting area. The building is constructed with a driveway through the center, so the manure can be driven into the building and by means of a traveling derrick be conveyed to any part of the building, and after the upper beds are made up the driveway itself is utilized for bedding.

The house is to be heated with two Hitchings hot water boilers and piped with 4-inch cast iron pipe. It will require 625 tons of manure to make up the beds and 7,500 pounds of spawn to plant them.

In addition to this house, they now have in bearing three others, having a bedding area of 6,800 square feet, from which they are now shipping about 50 pounds of mushrooms daily to New York and Washington.

Mr. Rassmussen says they find the growing of mushrooms more profitable than many crops they grow, especially the forcing of grapes, which has been a leading feature with them for many years. Since the foreign grape has forced the price so low the home growers find no profit in it, and they as well as many others have taken up other specialties.

Mr. Howard Thompson, of Toughkenamon, who has for some months been confined to bed with a fractured leg, caused by the falling of a bench while making repairs in one of his carnation houses, is improving, and it is hoped will soon be able to resume his duties. Mr. Thompson was a heavy loser by the severe hail storm which visited this section last fall, and this misfortune so closely following calls for much sympathy.

Carnations in this section are exceptionally fine and the yield all that can be desired. The growers are quite jubilant over the great demand and say if the prices keep up they will come out on top this season. Violets are not so encouraging; the crop is off in this section, but those who have good ones are realizing big prices for them.

X.

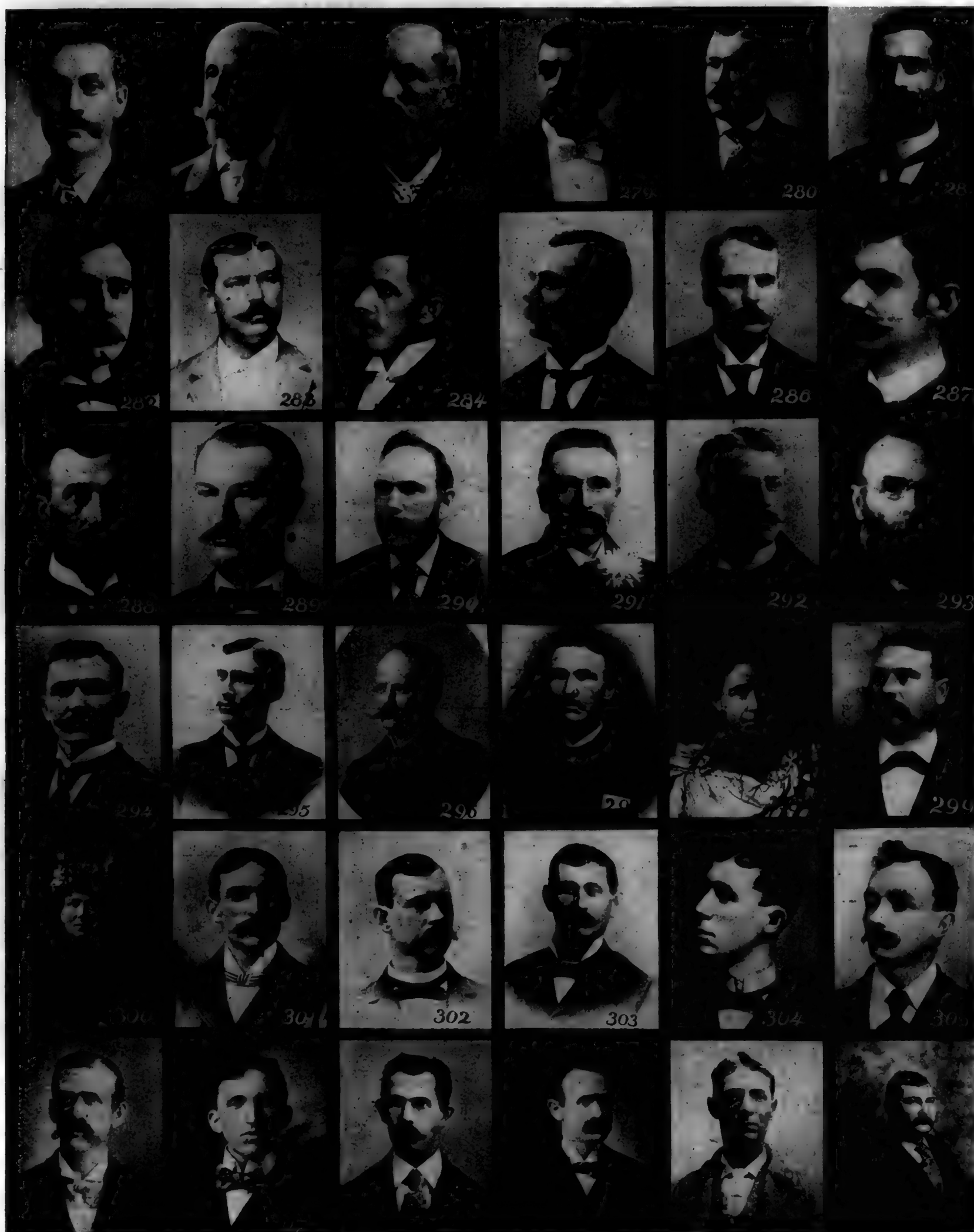
OUR GENERAL INTRODUCTION.

No. 9.

276. W. N. Rudd, Mt. Greenwood, Ill.
277. E. M. Wood, Natick, Mass.
278. Wm. Scott, Buffalo, N. Y.
279. Philip Breitmeyer, Detroit, Mich.
280. Lawrence Cotter, Dorchester, Mass.
281. W. H. Tap'in, Holmesburg, Pa.
282. W. F. Kasting, Buffalo, N. Y.
283. F. J. Ammann, Edwardsville, Ill.
284. Jas. Hartshorne, Joliet, Ill.
285. Frank Holznagle, Detroit, Mich.
286. Theron Parker, Brooklyn, N. Y.
287. F. H. Kramer, Washington, D. C.
288. W. W. Coles, Kokomo, Ind.
289. B. E. Niles, Blissfield, Mass.
290. L. B. Brague, Hinsdale, Mass.
291. A. J. Johnson, Astoria, Oregon.
292. T. P. Langhans, Pittsburg, Pa.
293. Bruno Schroeter, Detroit, Mich.
294. John Warncke, Detroit, Mich.
295. J. F. Wilcox, Council Bluffs, Ia.
296. Robert Kift, Philadelphia.
297. Ernest Mellema, Austin, Texas.
298. Miss Gertrude E. Charles, Columbus, Ohio.
299. Gustav Taepke, Detroit, Mich.
300. Mrs. I. W. Kersey, Haywards, Cal.
301. Benj. J. Passmore, Swarthmore, Pa.
302. Andrew Ferguson, Detroit, Mich.
303. Harry Cole, North Easton, Mass.
304. John Dunn, Detroit, Mich.
305. Chas. Scheible, Detroit, Mich.
306. George F. Moore, Rushville, Ind.
307. Fred Rentschler, Madison, Wis.
308. R. C. Frank, Beardstown, Ill.
309. Geo. C. Butz, State College, Pa.
310. Jas. E. Lee, Jackson, Mich.
311. Max Herzog, St. Louis, Mo.

CATALOGUES RECEIVED.

H. Weber & Sons, Oakland, Md., advance list of new carnations; R. Vincent, Jr., & Son, White Marsh, Md., wholesale price list of vegetable and other plants; John Peed & Son, West Norwood, London, S. E., England, new and choice chrysanthemums and begonias; Jessamine Gardens, Jessamine, Fla., rare Florida flowers and plants; Elm City Nursery Company, New Haven, Conn., hardy plants, trees, shrubs, etc.; U. Cutler Ryerson, Newark, N. J., tobacco stems, hose, pots, etc.; Geo. A. Rackham, 880 Van Dyke avenue, Detroit, Mich., carnations and small ferns; Lord & Burnham Co., Irvington-on-Hudson, calendar; Texas Seed & Floral Co., Dallas, Tex., their annual illustrated catalogue for 1900; Iowa Seed Co., Des Moines, Ia., seeds, plants, etc.



OUR GENERAL INTRODUCTION. No. 9.

CALLA LILIES.

"B. E." has trouble with his callas, but it is too long a communication to publish. He says they were potted in good soil, but the tops have rotted and in some cases the bulbs also. I have never seen anyone fail in growing these plants. In a low temperature they may not flower profitably, but they are the easiest possible thing to grow. Those two applications of nitrate of soda may have been too strong.

I would advise washing off every particle of soil and washing the corm and roots in the ammoniacal mixture and then repotting. They like a rather heavy soil with a 5th or 6th of decayed animal manure, and a night temperature of 60 degrees. The calla has almost disappeared in favor of the Harrisii lily, yet this winter we are frequently asked for them. What you don't have is sure to be in greatest demand.

WM. SCOTT.

THEY LIKE THE REVIEW.

You have made a splendid paper of The Review. JAMES MORTON.
Clarksville, Tenn.

I would not be without The Review at any price.

C. F. W. GENTEMANN.
Quincy, Ill.

Am always pleased with The Review. PAUL NIEHOFF.
Leighton, Pa.

I am well pleased with the paper. The classified ads. are a great convenience. H. M. SEALY.
Lyndbrook, N. Y.

The Review is O. K. We especially like the alphabetical ads., which is a very handy thing for a busy florist. Paris, Ill. H. D. CALDWELL.

The Review is up-to-date. Toronto, Ont. R. MEARNS.

The Florists' Review is a good, number one paper, and we wish you the success you certainly deserve.

J. H. WADE & CO.
Evansville, Ind.

The classified plant advertisements in your paper are well worth the price of the subscription, for one has not got to hunt the paper through to find just what he wants. Then one has that extra time saved to read the good things in the first half of the paper. I wish you the best of success for the coming year. M. S. WORDEN.

North Adams, Mass.

The paper has been in many instances a great help to us in our business and we would not be without it. We wish you abundant success.

BOEHRINGER BROS.
Bay City, Mich.

I am very much pleased with The Review and I wish you every success with it. FRED C. WEBER.
St. Louis, Mo.

I could not get along without the paper, as it contains so much valuable advice and hints. GEO. DOBBS.
Auburn, N. Y.

I think The Review is keeping its place well in front. And it has my sympathy, as any other would have that breaks away from monopolists' lines. JOHN B. FERGUSON.
Pittsburg, Pa.

Enclosed find one dollar to renew my subscription to The Florists' Review, the best of the trade papers. Bridgeport, O. JAMES COX.

I cannot keep house without it. Swope, Mo. F. W. FELTEN.

I think your paper the best connected with the trade and would not do without it. W. SCOTT.
St. Paul, Minn.

I am extremely well pleased with The Review. The make-up of each issue is as near perfect as can be. The classified ads have been a great help to me (and to many others, I presume) in buying stock. N. H. PADGETT.
Unadilla, N. Y.

I wish The Review the fullest success, which it so thoroughly deserves. Carlisle, Pa. JESSE ROBBINS.

May you prosper in the future as in the past, and may all of us live many years to Review it. St. Louis, Mo. F. J. FILLMORE.

THE FLORISTS' MANUAL.

After reading Mr. Wm. Scott's Manual, we wish to say that we consider it without equal as a book of reference for busy florists. GEO. M. KELLOGG.
Pleasant Hill, Mo.

Am well pleased with the Manual. It is a practical, everyday helper, concise and to the point. W. A. KENNEDY.
Milwaukee, Wis.

Am very much pleased with the book; it is very handy for reference. Macomb, Ill. F. E. BONHAM.

Unlike so many of our books, it has the very flavor and essence of actual experience. L. H. BAILEY.
Ithaca, N. Y.

We find the book very useful as a reference in answering the many questions about plants that we receive almost every day. Philadelphia. JOS. KIFT & SON.

It is the best book of the kind ever published. There is more in it than in any other book I have ever seen. I am delighted with it. Chicago. JOHN THORPE.

The copy of the "Florists' Manual" was duly received. I am very well pleased with same. The more I read it the better satisfied I am with it, and there are one or two articles alone in it that are each worth all you ask for the book, for everything is made so plain and all details are right to the point. I trust you may have a good and ready sale for the same. M. S. WORDEN.

North Adams, Mass.

The only fault to be found with it is when you get reading it the midnight oil is liable to run low and you have to go on to gas or reluctantly break off, either going to bed or first taking a look over the houses to see if the temperature tallies with the Manual. GEO. S. OSBORN.
Hartford, Conn.

Mr. Scott's superb work, "The Florists' Manual," was indeed worth waiting for. When compared with the amount of practical information it contains, the selling price, \$5.00, seems a mere bagatelle. Oakland, Md. H. WEBER & SONS.

We are in receipt of "The Florists' Manual" by Mr. Scott and may say it is the right book for the florist, published at the right time. It is what we all need. BOBBINK & ATKINS.
Rutherford, N. J.

Am much pleased with the Manual. It is just what I have been looking for. Something that we can understand, and enjoy reading. M. NAUMAN.
Etna, Pa.

SOCIETY OF AMERICAN FLORISTS.

President Wood has appointed J. D. Carmody, Evansville, Ind.; J. F. Sullivan, Detroit, Mich., and A. B. Cartledge, Philadelphia, Pa., members of the executive committee to serve for a period of three years from January 1, 1900. WM. J. STEWART,
Secretary.

TORONTO, ONT.

Christmas trade was all that could be desired. Everything was cleaned up. Roses, carnations and violets were A1, but there was not enough to fill orders, and a greater quantity could have been sold at Christmas prices. M. H. G.

ASHTABULA, O.—Local gardeners have formed the Ashtabula Lettuce Growers' Association, which is to be co-operative. A general agent will handle the product.

New Year. — 1900 — New Ideas.

We have large lines of

NEW PLANT STANDS and PEDESTALS, POT COVERS, FERNERIES, AMERICAN BEAUTY VASES in all sizes, **VIOLET and WHITE LACE HANDKERCHIEFS, Tinsel Cords, Violet Silk Cords and Tassels, our FAMOUS Wheat Sheaves, Baskets, Plateau, Cycas Leaves-- Glazed and Dull Finish, etc.,** and everything that is needed in the **FLORIST SUPPLY LINE.** Send us your orders we will take care of them.

M. Rice & Co., Importers and Manufacturers,
918 Filbert Street, PHILADELPHIA, PA.

Mention The Review when you write.

ESTABLISHED 1802

THORBURN'S SEEDS

JAPAN LILIUM LONGIFLORUM.

	Per 100.	Per 1000.
5 to 7 inches circumference,	\$2.50	\$20.00
6 to 7 " " "	2.75	25.00
7 to 9 " " "	4.50	40.00

LILY OF THE VALLEY
and **LILIUM AURATUM.**
Prices on application.

J.M. THORBURN & CO.

(Late of 15 John Street)

36 CORTLANDT STREET, NEW YORK

Mention The Review when you write.

CHOICE STOCK

For Christmas Trade.

Cyclamen, 4 colors, 2½-inch pots, \$3.00 per 100.
Asparagus Sprengerii, 2½-inch pots, extra strong, \$6.00 per 100.

Asparagus Sprengerii, 3-in. pots, very large, \$8.00 per 100.

Primroses (Chinese) 8-in. pots, \$5.00 per 100.

" " 4-in. pots, 8.00 "

" " 6-in. pans, 8.00 per doz.

(Obconica Grandiflora and Hybridum) same size and price as Chinese Primroses.

All are in bud and bloom.

NATHAN SMITH & SON, Adrian, Mich.

Mention the Review when you write.

PLANTS AND CUTTINGS....

Begonias, best flowering varieties, 4-in. pots, \$1.00 per doz., \$8.00 per 100. **Umbrella Plants**, 4-in. pots, \$1.00 per doz., \$8.00 per 100. **Ferns**, *Pteris tremula*, 2-in. pots, 50c per dozen, \$4.00 per 100. **Vincas**, center of foliage yellow, 2½-in. pots, 50c per doz., \$3.00 per 100. **Geraniums**, best bedding varieties mixed, in fine growing condition, 2-inch pots, \$2.50 per 100. **Geraniums**, rooted cuttings, \$1.50 per 100. **Rooted cuttings of Fuchsias**, *Heliotrope*, *Chrysanthemum frutescens*, per 100, \$1.00. **Rooted cuttings of Alternanthera**, red and yellow, *Ageratum*, blue and white dwarf, *Micanthea*, *Coleus*, best bedders, 50c per 100. **Carnation Mrs. Fisher**, rooted cuttings from soil, \$1.25 per 100.

C. LENGENFELDER, ELGIN, ILL.

Mention The Review when you write.

Cypress

Greenhouse Material.

We are the pioneers in Clear Cypress Greenhouse Material. We discovered that Cypress is better than any other wood for greenhouses from top of posts up and we introduced it, and fought for it against many prejudices, and finally succeeded in bringing it into general use.

Others have attempted to follow where we lead, others are trying to reap what we sowed, but we have the experience and are recognized as experts in greenhouse construction.

Write for Circulars
or Estimates.

Lockland Lumber Co.

LOCKLAND, OHIO.

Mention The Review when you write.

Burpee's Seeds Grow

PANSIES...

.....WORTH RAISING

Good Plants by express, \$2.50 per 500;
\$4.00 per 1000. **Seed** as usual.

C. SOLTAU & CO., 199 Grant Avenue,
JERSEY CITY, N. J.

Mention The Review when you write.

Cabbage Plants,

Jersey Wakefield and other varieties, from cold frame transplanted, 25c per 100; \$1.50 per 1000; \$12.50 per 10,000, if by mail, add 20c per 100.

LETTUCE, Boston Market, Tennis Ball, Curled Simpson, Grand Rapids and other varieties, 15c per 100; \$1.00 per 1000; \$8.50 per 10,000, if by mail, add 10c per 100.

Other Vegetable plants in season. Cash with order.

R. VINCENT, Jr. & SON, White Marsh, Md.

Mention The Review when you write.

Always Mention the....

Florists' Review

When Writing Advertisers.

300,000 VERBENAS....

60 finest named varieties, including our new mammoth white, Mrs. McKinley, the finest white Verbena grown.

PERFECTLY HEALTHY. FREE FROM RUST.

Rooted Cuttings 60c per 100, \$5.00 per 1000.

Plants \$2.50 per 100, \$20.00 per 1000.

Our list is the choice from millions of seedlings.

Send for list. **J. L. DILLON, Bloomsburg, Pa.**

Mention The Review when you write.

EDWARD B. JACKSON, Wholesale Florist.

HARDY HERBACEOUS PLANTS ONLY.

In any quantity for the least money.

STAMFORD, CONN.

EVERY FLORIST
OUGHT TO INSURE
HIS GLASS AGAINST **HAIL**

FOR PARTICULARS ADDRESS

JOHN G. ESLER, Sec'y, SADDLE RIVER, N. J.

Mention The Review when you write.

E. H. HUNT

THE "OLD RELIABLE" FOR

**Wholesale
Cut Flowers**

Hunt's Flowers Go Everywhere.

76 Wabash Ave. CHICAGO.

Mention The Review when you write.

TERRE HAUTE, IND.

Christmas trade was much larger than last year. Jno. G. Heintz & Son report it as almost double. Palms, dracaenas and choice blooming plants sold better than ever.

Heintz & Son had the honor of furnishing all the decorations for the opening of the "New Oliver" Hotel at South Bend, Ind., Dec. 21st, on which occasion they used ten large cases of smilax, ten cases of holly, wreathing by the hundreds of yards, carnations, Gontier roses, narcissus and hyacinths galore. The local papers praised the work highly. Messrs. Heintz considered it quite an honor to be called 200 miles away to do decorative work so near Chicago.

A FLORIST'S COAL MINE.

Mr. Joseph Kranz, Muscatine, Ia., is a singularly fortunate florist. He has on his own grounds a coal mine containing an apparently inexhaustible supply of coal; and it is so situated that one digger can get out five to seven tons of coal a day.

No wonder Mr. Kranz can afford to build modern houses and keep extending his glass surface. He now has 30,000 square feet, having recently completed some new houses.

Happy man! Not only no fuel bills to pay, but no worry about the railroad failing to deliver a car on time and no hauling of coal through snow drifts when caught short.

THE well known seedsmen, Messrs. W. Atlee Burpee & Co., Philadelphia, offer quite a list of cash prizes in their annual catalogue for best specimens of vegetables grown from their seeds, and they have sent us a printed list of the awards for 1899. The prizes amount to \$238.00 and the winners represent nearly every state in the Union in addition to several in Canada.

MARSHALLTOWN, IA.—J. H. Wright purchased the Marshalltown Floral Co., Nov. 27, and will continue the business. Mr. F. H. Fenner, who retires, has not yet decided upon a new location and is at present visiting relatives in Chicago.

Removal Notice.

On January 1st, we removed to
Nos. 32, 34, 36 RANDOLPH STREET,

Where with largely increased space and improved facilities
we are better than ever prepared to fill orders to the
satisfaction of our customers.

E. C. AMLING,**32, 34, 36 Randolph Street, - CHICAGO, ILL.****W. S. HEFFRON, Mgr.**

Mention The Review when you write.

Bassett & Washburn**76 Wabash Ave., CHICAGO, ILL.**Wholesale Growers of **CUT FLOWERS**
and Dealers in

Greenhouses at Hinsdale, Ill.

Mention The Review when you write.

**W. E. LYNCH
Wholesale Florist,****19-21 E. Randolph St. CHICAGO.**

Mention The Review when you write.

A. L. RANDALLTelephone
1498**Wholesale Florist****4 Washington St., Chicago.**and enlarged quarters we are better
ever to handle your orders.

Mention The Review when you write.

WHOLESALE GROWER OF ROSES. DEALER IN
CUT FLOWERS.**J. A. BUDLONG,****37-39 Randolph St., CHICAGO, ILL.**

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**Maplewood Cut Flower and
Plant Co. GEO. M. KELLOGG, Pres.**Growers of **CUT FLOWERS** at Wholesale.Regular shipping orders given special attention. We
have the largest plant west of Chicago.**Store: 906 Grand Ave., KANSAS CITY, MO**
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**C. A. KUEHN WHOLESALE
FLORIST****Cut Flowers and Florists' Supplies.**Manufacturer of the Patent Wire Clamp Floral
Designs. A full line of supplies always on
hand. Write for catalogue and prices.**1122 PINE STREET, ST. LOUIS, MO.**

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G. Berning****WHOLESALE
FLORIST,****1322 Pine Street,
ST. LOUIS, MO.**

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**ELLISON & TESSON,
WHOLESALE SHIPPING
FLORISTS****3134 Olive Street, ST. LOUIS, MO**
...Home Grown Stock...

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**Cincinnati
Cut Flower Co.**W. A. MANN.
FRANK W. BALI**416 Walnut St. Wholesale Florists**
CINCINNATI, O.Consignments Solicited.
Special Attention Given to Shipping Orders

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HIGH GRADE CARNATION BLOOMS

Standing Orders Solicited.

CHICAGO CARNATION CO.,
Greenhouses and address JOLIET, ILL.

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K. Bros. Co.

PRICE LIST.

Cut Flowers.

	Per doz.	
American Beauties, long ..	\$7.00 to \$10.00	
" " medium	4.00 to 5.00	
" " short...	1.20 to 2.00	
	Per 100.	
Meteor.....	\$6.00 to \$10.00	
Brides	6.00 to 9.00	
Bridesmaids.....	6.00 to 10.00	
Perles	4.00 to 6.00	
Carnations, extra fancy ...	4.00 to 6.00	
Romans.....	2.00 to 3.00	
Paper Whites	2.00 to 3.00	
Adiantum	1.00 to 1.50	
Smilax	15.00 to 18.00	
Violets	1.25 to 1.75	
Common Ferns, per 1000	\$2.00 .25	
Galax.....	1.50 .20	
Asparagus per string	50c to 75c	

Roses and Carnations, second quality, billed according to value.

Prices subject to change without notice.
Holly Wreaths, double Delaware Holly, per dozen, \$3 00.

Yours respectfully,

Kennicott Bros. Co.,
42 & 44 E. Randolph St.
CHICAGO, ILL.

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HEADQUARTERS ON
CUT FLOWERS and
FLORISTS' SUPPLIES
OF ALL KINDS.

47 Wabash Ave. CHICAGO.
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GALAX LEAVES.

Chas. H. Ricksecker, Linville, N. C.
Mention The Review when you write.

JOHN B. FERGUSON,

Wholesale Florist,

444 SIXTH AVENUE,

PITTSBURG, PA., Dec. 11th, 1899.

ANNOUNCEMENT.

I take pleasure in announcing to you that I have this day purchased the Wholesale Cut Flower and Commission Business of G. L. Huscroft & Co., No. 444 Sixth Ave., Pittsburg, Pa., and shall continue the business at the same address. I trust I shall receive from your hands the same fair treatment and patronage which you extended to the old firm, and take this measure of soliciting your patronage.

Respectfully,

JOHN B. FERGUSON.

REFERENCES—City Deposit Bank, Pittsburg; Lawrence Dilworth, of Dilworth Bros.

ORDER NOW.

Tuberous Rooted Begonias and Gloxinias.

Our strain of these imported Spring and Summer flowering bulbs is the finest to be found in Europe. We make personal selections of these stocks when in flower, and same must not be confounded with cheap, indifferent strains, which are dear at any price.

SINGLE ROSE, scarlet, white, yellow and orange, 40c per doz., \$2.50 per 100, \$20.00 per 1000.

SINGLES IN CHOICEST MIXTURE, 85c per doz., \$2.00 per 100, \$18.00 per 1000.

DOUBLE ROSE, scarlet, white and yellow, 65c per doz., \$5.00 per 100, \$40.00 per 1000.

DOUBLES IN CHOICEST MIXTURE, 50c per doz., \$4.00 per 100, \$35.00 per 1000.

GLOXINIA CRASSIFOLIA GRANDIFLORA, 50c per doz., \$4.00 per 100, \$30.00 per 1000.

FANCY LEAVED CALADIUMS, 30 choice varieties, \$2.00 per doz., \$15.00 per 100.

HENRY A. DREER,
714 Chestnut St., PHILADELPHIA, PA.
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BENTHEY & CO.

F. F. BENTHEY, Mgr.

WHOLESALE AND COMMISSION Florists. Consignments Solicited.

41 Randolph St. CHICAGO.

Mention The Review when you write.

8,000,000 HARDY CUT FERNS



at 75c per 1000 from now until March 15.

My contract in Chicago has been broken through a poor paymaster.

Bouquet Green, 2½c a lb. Sphagnum Moss, 50c a bbl.

All orders by mail or dispatch promptly attended to.

THOMAS COLLINS, Hinsdale, Mass.

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Always mention the Florists' Review when writing advertisers.

Jadoo Fibre... and Jadoo Liquid..

Have been found
INVALUABLE to use with
soil in the growing of
FLOWERING and
FOLIAGE PLANTS.

Send for our catalogue.

The American Jadoo Co.

817 Fairmount Ave.,

PHILADELPHIA, PA.

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11,000 Dracaena Indivisa.

in 2-in. pots, \$3.00 per 100, \$25.00 per 1000.

ASPARAGUS PLUM. NANUS,

from flats, \$2.75 per 100.

(Cash, please.)

Send for list of testimonials of our Soil Pulverizer.
No. 1, \$5.00; No. 2, \$10.00; No. 3, \$15.00

The Florists' Supply Co.

Box 56, - - - NORTH TONAWANDA, N. Y.

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Always mention the Florists' Review when writing advertisers.

SAMUEL S. PENNOCK. Wholesale →Florist

{ Until further notice, will be open from }
6:00 a. m., to 11.00 p. m. }

American Beauties and Valley Our Specialties. 1612-14-16-18 Ludlow St., Philadelphia, Pa.

Mention The Review when you write.

CHESTNUT HILL, PHILA.

On Nov. 14th a preliminary meeting was called at Chestnut Hill, to consider the advisability of organizing a horticultural society. The movement met with much favor and the "Chestnut Hill Horticultural Society" was organized, officers were elected to serve until January 1, 1900, at which time the officers for 1900 will be elected. A committee on by-laws was appointed and reported at the meeting held Dec. 21st, at which time the by-laws were adopted.

At the December meeting a committee on schedule was appointed which will report at the January meeting.
J. H. H.

CLEANING GLASS.

Replying to M. N.'s inquiry as to how to clean glass on the outside when it is covered with coal smoke, I have always used hot water and ammonia. Add enough ammonia to the water to have the desired effect and apply with a sponge wired to a pole of sufficient length.

There is an oily substance combined with coal smoke and you must use something to cut the oil. Lye or sal soda would do it, but it will also take off any paint that it comes in contact with. WM. H. THOMPSON.

DENVER, COLO.

The following scores were made by our bowling club on the night of Dec. 26:

	1	2	3	ave.
Chas. Franz	159	176	201	179
Al. Mauff	180	196	158	178
John Berry	181	157	158	165
P. C. Gallup	137	161	193	164
Robt. Kurth	111	185	172	175
Chas. Mauff	151	181	123	152
Geo. Brenkert	124	152	162	146
Geo. Zimmer	135	163	130	143
A. M. Lewis	103	132	161	132
Ed. Emerick	113	121	151	128
A. A. Benson	135	123	124	127
Don Scott	129	138	113	123
John Ferris	122	123	118	121

GEO. ZIMMER.

NASHVILLE, TENN.

All the florists report a good Christmas trade and plenty of flowers. Prices were good on all stock. Violets very scarce.

Joy & Son say business was considerably better than in former years, especially in potted plants. They had a fine stock of Beauties and a large crop of fine Brides and Maids.

IF YOU have any surplus stock to offer to the trade remember that you can sell it most quickly and cheaply through an offer in the Review's Classified Plant Advs.

PITTSBURG CUT FLOWER CO., Ltd. WHOLESALE FLORISTS.

Long Distance
Phone 2157.

CONSIGNMENTS SOLICITED.

No. 504 Liberty St.,
PITTSBURG, PA.

FLORISTS' SUPPLIES.

Write for Price List.

Mention The Review when you write.

Asparagus Plumosus

Cut Strings
8 feet long.
50c per string.

Nanus

Shipped
to any part
of the country.

W. H. ELLIOTT,
BRIGHTON, MASS.

Mention The Review when you write.

Galax Leaves GREEN and BRONZE

New Crop, finest stock only
for the Holiday Season.

The Introducer,

HARLAN P. KELSEY,

1106 Tremont Building, - - - BOSTON, MASS.

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Real Estate,

Land with or without Greenhouses
in different parts of the United States.

BARGAINS can be had and opportunities opened
for profit. Write for particulars and state
your requirements.

SMITH & SMITH,

345 Sixth Ave., PITTSBURG, PA.

Brokers in Real Estate,

Glass, Pipe, Boilers, etc.

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PANDANUS VEITCHII

Vigorous Shapely Plants.

6-in. pots, \$1.00 each. 7-in. pots, \$1.50 each.
8-in. pots, \$2.00 each.
Discounts on large orders.

JOHN WELSH YOUNG,

Upsal Station, Penna. R.R. Germantown, Pa.

Mention The Review when you write.

The MODEL Extension Carnation Support.

Read what some of our best growers say concerning it.

Flatbush, Brooklyn, N. Y., Feb. 18, 1897.

Mr. Theron Parker. Dear Sir: Your wire stake is certainly a gem. Without hesitating we endorse it as an up-to-date Carnation Support. Yours truly,

DAILLEDOUZE BROS.

Write for prices.

THE MODEL PLANT STAKE CO.,

226 No. 9th Street.

Brooklyn, N. Y.

Mention The Review when you write.

GIVE US
A
TRIAL.
WE CAN
PLEASE
YOU.

Roses,
Carnations
and all
kinds of
Seasonable
Flowers
in stock.



WM. F. KASTING, Wholesale Com-
mission Florist.

481 Washington St., BUFFALO, N. Y.

Also Dealer in Florists' Supplies and Wire
Designs.

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Long's "Handy" Order Sheets

The practical leaders to correct order taking in
hurried hours. Single sample free.

Pad of 100 sheets, mailed for 24 cents in stamps.

Ten Pads (1000 sheets), by express, \$1.75.

DAN'L B. LONG, Publisher, BUFFALO, N. Y.

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Cut Flower Exchange,

404 - 412 East 34th St., New York.

NEAR THE FERRY.

Open Every Morning at 6 o'clock for the sale of
CUT FLOWERS.

Wall space for Advertising purposes to Rent.

J. DONALDSON, SECRETARY.

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42 and 44 E. Randolph St.

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WHOLESALE..... Cut Flowers and Florists' Supplies

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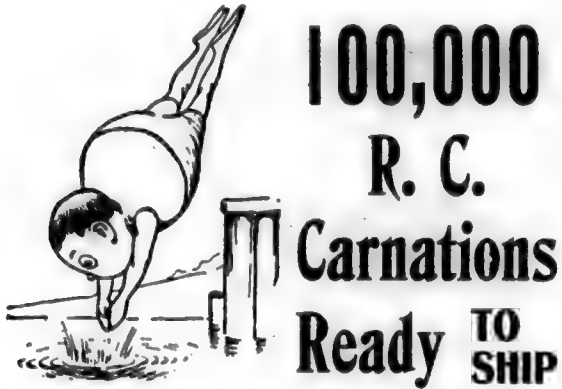
SELAGINELLA DENTICULATA, 2-inch,
per 100, \$2.00.

They are all right for Christmas sales.

Primroses, 8 and 8½-in. pots, \$5.00 per 100.

E. I. RAWLINGS, QUAKERTOWN, PA.

Mention The Review when you write.



Early orders get the best stock.

	Per doz.	Per 100
Mrs. Thos. W. Lawson	\$3.00	\$14.00
Ethel Crocker, pink	1.50	10.00
Olympia, variegated	1.50	10.00
The Marquis, pink	1.50	10.00
Genevieve Lord, pink	1.50	10.00
G. H. Crane, scarlet	.60	4.50
America, scarlet	.50	4.00
Melba, light pink	.50	3.50
Mrs. G. Bradt, variegated	.50	3.00
Glacier, white, fine	.50	4.00
Maud Adams, dark pink	.50	3.50
Gomez, dark red	.50	4.00
Mrs. F. Joost, pink	.40	2.50
Gold Nugget, yellow	.50	3.00
Argyle, pink, fine		1.25
Triumph, pink		1.50
Daybreak, shell pink		1.00
Empress, dark red		1.00
Flora Hill, white		1.50
White Cloud, white		2.50
Mary Wood, white, fine		3.00
Jubilee, scarlet		1.50
Pysche, variegated		1.50
Morello, scarlet		1.50
Wm. Scott, pink		1.00
Lizzie McGowan		1.00

PLANTS.

Geranium De Roo Mitting	2½-inch	10.00
Geranium Double Snow Drop	"	10.00
New Yellow Baby Primrose	"	10.00
22 Coleus, fine, named	"	4.00
20 Standard Coleus, named	"	1.50
80 Double Petunias, mixed	"	2.00
Primula Obconica, 3½-inch	"	3.00
Primula Obconica, 2½-inch	"	2.00
Primula, Chinese, 2½-inch	"	1.50
Primula, from flats, strong	"	.75
Velvet Plant	"	3.00
15 Begonias, flowering, named, 2½-inch	"	2.00
Forget-Me-Not, winter flowering, 2½-inch	"	2.00
Iresines, 2 varieties, red and yellow, 2½-inch	"	2.00
Pansy Plants, per 1000, \$3.00	"	.50
Cannas, large flowering, mixed	"	1.00
Mesembryanthemum Erectum, 2½-inch	"	2.00
California Moss	"	2.00
Lycopodium Dent.	"	2.00
Alternanthera, 4 varieties	"	2.00
Feverfew, Little Gem	"	2.00
Feverfew, yellow foliage	"	2.00
Dusty Miller	"	2.00
Cigar Plant	"	2.00
Vinca, variegated, trailing	"	2.00
Pure White Pansy Plants	"	.50
Ferns, mixed, our selection, 2½-inch	"	5.00
Lobelia, Crystal Palace Gem,	"	2.00

Five plants at 100 rates.

The Morris Floral Co.

MORRIS, ILL.

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GERANIUMS Most desirable semi-double bedders and market varieties, double and single. Also Begonia Erfordii and Vernon, red, pink and white. Replanted, fine stock, \$16 per 1000; from sand \$12 per 1000.

COLEUS Red, yellow and brightest colored fancy. Strong, \$6 per 1000. 100 rates same by express. Terms cash. Choice Petunias, Pansies, Verbenas, Heliotrope, etc. Send for list and prices.

DANIEL K. HERR, Lancaster, Pa.

Mention The Review when you write.

IF YOU have not already done so, please send us an accurate list of those in the trade that receive their mail at your postoffice, and greatly oblige the publishers.

FRANKLIN, PA.

Philip Heilig reports an excellent Christmas business. Though his cut was very large, the increasing demand caused a scarcity of stock. There was a notably increased call for fancy grades, especially in Beauties and carnations. Colored carnations in fancy sorts were in remarkable demand and sold at \$1 to \$2.50 a dozen. American Beauties went at \$8, \$10 and \$15 a dozen. California violets, \$1 a bunch. No bulbous stuff was offered.

Plants didn't move as well as expected, though good azaleas, cyclamen, primulas and poinsettias were offered. It was useless to talk flowering plants, palms or ferns to young men

buyers. They wanted flowers, and mainly fancy carnations, and would have them or nothing.

Mr. Heilig happened to have a patch of smilax in blossom and the people took it as a novelty. It sold readily at 25 cents a yard or 75 cents a string. Late chrysanthemums did good service and several hundred were sold at \$2 to \$2.50 a dozen.

Large quantities of holly and other greens were sold. They were handled by all sorts of stores, which also had paper flowers and artificial palms. But this seemed to have no effect on the sales of natural flowers. People who buy this stuff wouldn't buy fresh flowers, anyway.

H.



Mention The Review when you write.

NEW TOMATO FOR 1900

LIVINGSTON'S MAGNUS.

This very distinct and most promising new variety, of the color of BEAUTY and ACME is the latest addition by Livingston to the Tomato family. It is thicker, heavier, and more solid than either of the above, making it easily the most handsome sort in cultivation. The form is perfect, uniform, large and attractive. Flesh very firm. It is a robust grower, with short joints, setting its fruit clusters closer together than most varieties, and is therefore a heavy cropper. It is especially adapted for shipping, and is remarkably fine for forcing indoors and out.

Per pkt. 20c; 3 pkts. 50c; 7 pkts. \$1.00

The Livingston Seed Co., COLUMBUS, Ohio.

THE FLORISTS' MANUAL

By WILLIAM SCOTT.

A Complete Reference Book for Commercial Florists. Over 200 large pages. Handsomely illustrated. Following is a list of the subjects covered:

Abutilon	Bouvardia	Eucharis	Lantana	Poinsettia
Acacia	Bromeliads	Eupatorium	Lapageria	Potting
Acalypha	Browallia	Euphorbia	Lawns	Primula
Acanthopanax	Bulbs	Ferns	Libonia	Rhododendron
Acer japonicum	Caladium	Fertilizers and Manures	Lilium	Richardia Africana
Achillea	Calamus	Ficus	Lily of the Valley	Ricinus
Achimenes	Calceolaria	Fittonia	Linum trigynum	Roses
Acrophyllum	Camellia	Floral Arrangements	Lobelia	Salvia
Adiantum	Canna	Freesia	Lysimachia	Santolina
Agapanthus	Carludovica	Fuchsia	Manettia	Sedum
Agave	Carnation	Fungicides and Insecticides	Martinezia	Seed Sowing
Ageratum	Celosia	Gardenia	Maurandya	Selaginella
Allamanda	Centaurea	Geranium	Metrosideros	Shading
Alcacia	Cheiranthus	Gladiolus	Mignonette	Skimmia japonica
Aloysia citriodora	Chrysanthemum	Glazing	Mimulus	Smilax
Alternanthera	Cineraria	Glechoma	Moon Flower	Soils
Amaranthus	Clematis	Gloxinia	Mulching	Solanum
Amaryllis	Cobea	Grasses	Musa	Stephanotis
Ampelopsis	Cold-frames	Greenhouse Building	Myosotis	Stevia
Ananas	Coleus	Grevillea robusta	Nepenthes	Stocks
Annuals	Cosmos	Hardy Perennial Plants	Nierembergia	Store Management
Anthericum	Cotyledon	Hardy Shrubs	Oleander	Swainsona
Anthurium	Crinum	Heating	Orchids	Sweet Peas
Antirrhinum	Crocus	Hedera (Ivy)	Othonna	System
Aponogeton distachyon	Croton	Hedge Plants	Oxalis	Thunbergia alata
Aquatics	Cycas	Heliotrope	Packing Flowers	Torenia
Araucaria	Cyclamen	Hibiscus	Packing Plants	Tropaeolum
Ardisia	Cytisus	Hollyhock	Paeonia	Tuberose
Aristolochia	Dahlia	Hotbeds	Palms	Valotta purpurea
Asparagus	Decorations	Hoya	Pandanus	Vases
Aspidistra	Decorative Material (Wild)	Hydrangea	Panicum variegatum	Ventilation
Asplenium	Decorative Plants	Impatiens Sultani	Pansy	Veranda Boxes
Aster	Deutzia	Iresine (Achyranthes)	Pelargonium	Verbena
Astilbe japonica	Dianthus	Jasminum	Peperomia	Vinca
Azalea	Dracaena	Kalmia (sum)	Perilla nankinensis	Violet
Balsam	Drainage	Koeniga (Sweet Alys-	Petunia	Watering
Bay Trees	Easter Plants		Phlox Drummondii	Zinnia
Bedding Plants	Epacris		Phlox (Herbaceous)	
Begonia	Erica		Pinks	
Bellis	Eriostemon			
Bottom Heat				
Bougainvillea				

Price, \$5.00, Prepaid by Express or Mail.

FLORISTS' PUBLISHING CO., Caxton Building, CHICAGO.

NEW LIGHT PINK CARNATION Genevieve Lord

Peerless in its class. The coming light pink. As a commercial variety it will score its greatest triumph. As an exhibition variety it will take care of itself. Its reputation is already made. We recommend it to you as being first-class in every way. It has won highest honors wherever exhibited. In a word it is the light pink par excellence. Better than Scott in its palmiest days. There will be no attempt to over-propagate it. First come, first served. Send for complete description.

\$75.00 per 1000; \$10.00 per 100; \$2.00 per doz.

DELIVERY FEBRUARY 15.

Also Mrs. Thos. W. Lawson,
Ethel Crocker, Olympia and the
Marquis at introducers prices.

H. WEBER & SONS, Oakland, Md.

Mention The Review when you write.

ETHEL CROCKER.

Absolutely the best pink Carnation ever offered the trade. Grown equally successfully by Hill, Craig, and myself, you are not buying it on a venture, but knowing that it is not a success in one soil and a failure in another.

In color, size, fragrance and stem it is just what the "storemen" want. In habit, constitution and freedom of bloom it is just what the grower wants, never out of crop from Sept. to July, more flowers to the square foot than any other known variety and practically no seconds.

With 18,000 stock plants to work from there is no danger of over propagation, and you are not asked to wait until planting out time for your cuttings but can have them whenever wanted. Orders entrusted to me will have my personal attention, both in the selection of the cuttings and the filling of the order.

Price per 100, \$10.00; per 25, \$2.50; per 1000, \$75.00; per 250, \$18.75. Herr's Pansies at \$1.00 now, and a regular assortment of Carnations in a list ready Jan. 1st. ALBERT M. HERR, Lancaster, Pa.

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New and Standard Varieties of

CARNATIONS

F. DORNER & SONS CO.

LA FAYETTE, IND.

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Carnation Cuttings Now Ready

of all the leading varieties.

All stock guaranteed A1.

If not satisfactory money refunded.

CHICAGO CARNATION CO.,

Greenhouses and address, JOLIET, ILL.

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CARNATIONS Rooted Cuttings

of all the NEW and LEADING

VARIETIES. Send for prices.

GEO. HANCOCK & SON,

GRAND HAVEN, Mich.

Mention The Review when you write.

FIELD GROWN

CARNATIONS.

BEST NEW AND STANDARD VARIETIES
Write for catalogue and prices.

W. P. PEACOCK, ATCO, N. J.

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Carnation Cuttings....

	Per 100	Per 1000		Per 100	Per 1000
MRS. LAWSON.....	\$14 00	\$120 00	FLORA HILL.....	\$2 00	\$15 00
G. H. CRANE.....	5 00	40 00	GOLD NUGGET.....	2 00	15 00
AMERICA.....	5 00	40 00	TRIUMPH.....	2 00	15 00
MELBA.....	4 00	30 00	DAYBREAK.....	1 25	10 00
LESLIE PAUL.....	4 00	30 00	ARGYLE.....	1 25	10 00
GOV. GRIGGS.....	4 00	30 00	ARMAZINDY.....	1 25	10 00
MRS. BRADT.....	3 00	25 00	LIZZIE MCGOWAN.....	1 00	7 50
FRANCES JOOST.....	2 50	20 00	EVELINA.....	1 00	7 50
EVANSTON.....	2 50	20 00	MAYOR PINGREE.....	1 00	7 50
JUBILEE.....	2 50	20 00	WM. SCOTT.....	1 00	7 50
VICTOR.....	2 50	20 00	NIVEA.....	1 00	7 50
WHITE CLOUD.....	2 50	20 00	MORELLO.....	1 00	7 50

All Cuttings sold with the express understanding that if not satisfactory they are to be returned at once, when money will be refunded.

PETER REINBERG, 51 Wabash Ave., CHICAGO.

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XXX SEEDS

VERBENA GRANDIFLORA. The finest strain of Improved Giant Verbenas yet produced, largest flowers and best colors, per pkt., 6.0 seeds, mixed colors, 50 cents.

PETUNIA DEL. FRINGED. The largest and finest Double Fringed and Mottled Petunias to be had, trade pkt., 50 cents.

CYCLAMEN GIGANTEUM. The choicest Giant-flowering varieties in best mixture, pkt., 200 seeds, \$1.00; half pkt., 50 cents.

CHINESE PRIMROSE. Best large single and double, 500 seeds, \$1.00.

PHLOX DRUM. PUMILA. New, very dwarf, perfect beauties, excellent for growing in pots for Spring sales, mixed colors, trade pkt., 20c.

PANSY, Finest Giant. Choicest mixed Mammoths, 3,500 seeds; \$1.00; half pkt., 50 cents.

A pkt. of New Double Early-flowering Dwarf Vienna Carnation added to every order.

JOHN F. RUPP, Shiremanstown, Pa.
The Home of Primroses.

Mention The Review when you write.

ROOTED CUTTINGS....

Verbenas, 40 var., 60c per 100, \$5.00 per 1000. Petunias, 30 var., \$1.25 per 100. Heliotrope, 15 var., \$1.00 per 100. Coleus, 30 var., 70c per 100, \$6.00 per 1000. Ageratum, 3 kinds, include Princess Pauline, 70c per 100; Alyssum Dble., \$1.00 per 100; Apple Geraniums, \$1.75 per 100. Lantanas, 4 kinds, \$1.25 per 100. Salvias, 3 kinds, \$1.00 per 100.

Express prepaid and satisfaction guaranteed. Cash with orders. Do not send checks.

Our Cuttings are good. Write

S. D. BRANT, Clay Center, Kan.

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Pansies...

Fine Plant, large flowering strain, \$2.50 per 1,000
150 Obconica Grandiflora Primula, 2 00 per 100
100 Forbesi Primula..... 2 00
Geranium, 18 varieties 3 00

CASH, PLEASE.

JOS. H. CUNNINGHAM, DELAWARE, OHIO.

Mention The Review when you write.

VERBENAS.

New Mammoth Standards, all colors, they're pretty warm 60c per 100; \$5.00 per 1000.

PETUNIAS. Dreer's are the best Double Fringed Pink to date, \$1.25 per 100; \$10.00 per 1000.

HELIOTROPE, 75c per 100. **AGERATUM,** 50c per 100. **COLEUS,** 50c per 100. Every cutting a selected cutting. Every cutting guaranteed.

THE COTTAGE GARDENS,

F. R. THORNTON, - - - MACOMB, ILL.

Mention The Review when you write.

E. G. Hill & Co.

Wholesale
Florists,

RICHMOND, INDIANA.

Mention The Review when you write.

CLASSIFIED PLANT ADVERTISEMENTS.

Rate for advertisements under this head, 10 cents a line net, per insertion. New advs. and changes must reach us by Wednesday morning at latest to secure proper classification in issue of Thursday.

ACALYPHA.

Acalypha Sanderi, fine 2½-in. plants, \$8.00 per 100.
The Conard & Jones Co., West Grove, Pa.

AGERATUM.

Ageratum Princess Pauline, the only one to grow. Extra strong, 2½-in., \$2.50 per 100. Rooted cuttings, extra strong, \$1.00 per 100.
South Side Floral Co., Springfield, Ill.

Ageratum, rooted cuttings, 50c per 100.
F. R. Thornton, Macomb, Ill.

ALTERNANTHERA.

40,000, 4 varieties, red, yellow, pink and large pink leaved, strong, full of cuttings; were potted last August, 2½-in., \$2.00 per 1000.
Morris Floral Co., Morris, Ill.

Red and yellow, color bright, large plants, 75c per 100; \$6.00 per 1000, delivered. Satisfaction guaranteed.
J. T. Ellis, Griffin, Ga.

Alternanthera, rooted cuttings, summer struck, \$1.00 per 100.
Greene & Underhill, Watertown, N. Y.

Red and yellow, rooted cuttings, 50c per 100.
C. Lengenfelder, Elgin, Ill.

ANTHERICUM.

Anthericum, 3-in., \$6.00 per 100.
Greene & Underhill, Watertown, N. Y.

ASPARAGUS.

Fresh seed, A. Sprenger, 75 cts per 100; \$6.00 per 1000. Plumosus nanus, \$1.25 per 100; \$10.00 per 1000. H. H. Berger & Co., 47 Barclay St., New York.

Asparagus Plumosus and Sprenger, 2½-in. pots, \$5.00 per 100. A. Plumosus Nanus, 6-in. pots, at \$15 per 100.
National Plant Co., Dayton, O.

700 fine Asparagus Sprenger, 3½-in. pots, for \$40.00, or \$6 per 100. Splendid Plumosus, 4-in., \$10.00 per 100. Cash with order.
Roney Bros., West Grove, Pa.

Asparagus plumosus nanus, from flats, \$2.75 per 100.
Florists' Supply Co., No. Tonawanda, N. Y.

A. Sprenger, 3-in. pots, \$1.00 a doz.; 5-in., 25 cts each.
John Bader, Troy Hill, Allegheny, Pa.

Asparagus Sprenger, fine large plants, in 6-in. pots, \$3.50 per doz.; \$25.00 per 100.
E. C. McFadden, Short Hills, N. J.

Asparagus Sprenger and Plumosus, 2-in., \$5.00 per 100; 3-in., \$8.00 per 100. Cash.
Geo. M. Emmans, Newton, N. J.

Sprenger, 2½-in., extra strong, \$6.00 per 100; 3-in., very large, \$8.00 per 100.
N. Smith & Son, Adrian, Mich.

A. plumosus, strong, 2-in., \$4.50 per 100; \$40.00 per 1000. Cash. C. Merkel & Son, Mentor, O.

6-ft. strings, 35c each; 8 to 12-ft. strings, 45c each. Cash.
H. M. Altick, Dayton, O.

A. plumosus nanus, 5-in., \$3.00 per doz.
John H. Ley, Good Hope, D. C.

A. plumosus, 6-in., thrifty and good color, 25c.
O. F. Searles, Nashua, N. H.

BEGONIAS.

Single Rose, scarlet, white, yellow and orange, 40c per doz.; \$2.50 per 100; \$20.00 per 1000. Singles in choicest mixture, 35c per doz.; \$2.00 per 100; \$18.00 per 1000. Double Rose, scarlet, white and yellow, 65c per doz.; \$5.00 per 100; \$40.00 per 1000. Doubles in choicest mixture, 50c per doz.; \$4.00 per 100; \$35.00 per 1000.
H. A. Dreer, 714 Chestnut St., Philadelphia.

Begonia Rex, assorted, 2½-in., \$4.00; named, \$6.00. Incarnata gigantea, 4-in., ready for 6-in., \$15.00; 2½-in., ready for 4-in., \$4.00 to \$6.00 per 100. Rooted cuttings, Erfordii, Rex, Incarnata gigantea, Flowering, \$2.00 per 100.
Greene & Underhill, Watertown, N. Y.

Begonia tuberosa, single colors, separate. Per 100, English strain, \$3.50; Belgian, \$2.50. Double colors, separate, English strain, \$5.00; Belgian, \$4.00.
Bobbink & Atkins, Rutherford, N. J.

Erfordii and Vernon, red, pink and white, replanted from fine stock, \$16.00 per 1000; from sand, \$12.00.
D. K. Herr, Lancaster, Pa.

Best flowering varieties, 4-in., \$1.00 per doz.; \$3.00 per 100.
C. Lengenfelder, Elgin, Ill.

Rex begonia, finest mixed, 3-in., \$4 per 100. Cash.
Geo. M. Emmans, Newton, N. J.

15 varieties, flowering, named, 2½-in., \$2.00 per 100.
Morris Floral Co., Morris, Ill.

B. rubra, 3½-in., \$4.00 per 100. Cash.
National Plant Co., Dayton, O.

15 varieties, flowering, 2½-in., \$2.00 per 100.
Morris Floral Co., Morris, Ill.

BOUGAINVILLEAS.

Bougainvillea Sanderiana, strong, from 3-inch pots, 24-30 inches, \$3.00 per 100.
P. J. Berckmans Company, Augusta, Ga.

BULBS.

Ready for delivery now: Tuberous Begonias, extra fine, sound, plump bulbs, 5 colors, separate, pure white rose, scarlet and crimson, orange, yellow. Single, 1-1½ in., doz., 40c; 100, \$2.50; 1000, \$20.00; 1½-2 in., doz., 50c; 100, \$3.00; 1000, \$25.00. Double, 1-1½ in., doz., 70c; 100, \$5.00; 1000, \$45.00; 1½-2 in., doz., 80c; 100, \$6.00; 1000, \$55.00. Gloxinia Crassifolia Erecta. Brilliant colors, best strains, 1-1½ in., doz., 50c; 100, \$3. 1½-2 in., doz., 50 cts; 100, \$4.00. Gladioli. For early forcing, Florists' superb mixture, containing many white and light, doz., 20 cts; 100, \$1.25; 1000, \$10.00. Gladiolus May, one of the best sellers, white rosy, with flakes, doz., 40 cts; 100, \$2.50; 1000, \$20.00. For other sorts see New List issued. Due end December. Excelsior Pearl Tuberosa. Fine white, clean stock, 3-4 in., 100, 50 cts; 1000, \$3.50; 4-6 in., 100, \$1.00; 1000, \$7.00.
H. H. Berger & Co., 47 Barclay St., N. Y.

Japan Lillium Longiflorum, 5-7-in., \$2.50 per 100; \$20.00 per 1000; 6-7 in., \$2.75 per 100; \$25.00 per 1000; 7-9 in., \$4.50 per 100; \$40.00 per 1000. Lily of the Valley and Lillium auratum, prices on application. J. M. Thorburn & Co., 36 Cortlandt St., New York.

Russian Valley, per 100, \$2.00; per 1,000, \$15.00; per case of 2,500 pips, \$30.00. Hamburg and Berlin pips, \$10.00 per 1,000; per case, 2,500 pips, \$22.50. Stumpp & Walter Co., 50 Barclay St., New York.

R. Van Der Schoot & Son, Wholesale Bulb Growers, Hillegom, Holland. Our bulb stocks, now covering an area of over 150 acres, are at present the largest of Holland. Est. 1830.

Excelsior Pearl Tuberosa Bulbs and Caladium Esculentum Bulbs for Dec. and Jan. delivery. J. F. Croom & Bro., Magnolia, N. C.

Callas. First size, 4-5-in. circum., \$4.00; second size, 3-4, \$2.00 per 100.
Jackson & Perkins Co., Newark, N. Y.

Bulbs and Plants for Fall and Spring delivery. C. H. Joosten, Importer, 85 Dey, St., N. Y.

CACTI.

A fine lot of small plants, suitable to offer as premiums, very cheap. Choice collections supplied at low rates.

Mrs. M. E. Patterson, Glendale, Cal.

"The Classified Advs. bring big returns" is the verdict of the advertisers.

CALADIUMS.

Fancy leaved Caladiums, 30 choice varieties, \$2.00 per doz.; \$15.00 per 100.
H. A. Dreer, 714 Chestnut St., Philadelphia.

Caladiums, fancy named sorts, large, dry bulbs, ready by November, \$10.00 per 100.
P. J. Berckmans Company, Augusta, Ga.

CANNAS.

Novelties and standard sorts of cannas. Before buying send for our list.
Cottage Gardens, Queens, N. Y.

10 varieties, all mixed, single eyes, \$1.00 per 100.
Morris Floral Co., Morris, Ill.

Italia and Austria, mixed, 50c per 100.
J. T. Ellis, Griffin, Ga.

CARNATIONS.

Carnation cuttings. Mrs. Lawson, \$14.00 per 100; \$120.00 per 1000. G. H. Crane and America, \$5.00 per 100; \$40.00 per 1000. Melba, Leslie Paul and Gov. Griggs, \$4.00 per 100; \$30.00 per 1000. Mrs. Bradt, \$3.00 per 100; \$25.00 per 1000. Frances Joost, Evanston, Jubilee, Victor and White Cloud, \$2.50 per 100; \$20.00 per 1000. Flora Hill, Gold Nugget and Triumph, \$2.00 per 100; \$15.00 per 1000. Daybreak, Argyle and Armazindy, \$1.25 per 100; \$10.00 per 1000. McGowan, Evelina, Pingree, Scott, Nivea and Morello, \$1.00 per 100; \$7.50 per 1000. All cuttings sold with express understanding that if not satisfactory they are to be returned at once and money will be refunded.
Peter Reinberg, 51 Wabash Ave., Chicago.

Carnation cuttings. G. H. Crane, \$5.00 per 100; \$40.00 per 1000. Mrs. Bradt, \$3.00 per 100; \$25.00 per 1000. White Cloud, Mrs. Joost, Triumph and Evanston, \$2.50 per 100; \$20.00 per 1000. Gold Nugget, Mrs. McBurney and Jubilee, \$2.00 per 100; \$15.00 per 1000. Flora Hill, Daybreak, Argyle and Armazindy, \$1.25 per 100; \$10.00 per 1000. McGowan, Evelina, Mayor Pingree, Painted Lady, Wm. Scott, Tidal Wave and Morello, \$1.00 per 100; \$7.50 per 1000. All rooted cuttings sold under the condition that if not satisfactory they are to be returned at once and money will be refunded.
George Reinberg, 51 Wabash Ave., Chicago.

Carnation Cuttings. Ready to ship now, guaranteed well rooted or money refunded. "Old Chestnut," but we say express man must allow purchaser to examine cuttings before accepting and if not satisfactory take the same back. White Cloud, Mrs. Joost and Victor, \$2.50 per 100; \$20.00 per 1000. Melba, \$4.00 per 100; \$30.00 per 1000. Mrs. Bradt, \$3.00 per 100; \$25.00 per 1000. Pingree, \$1.00 per 100; \$7.50 per 1000. Daybreak, \$1.25 per 100; \$10.00 per 1000. Scott, \$7.00 per 1000. Cash with order. Carl E. Taube, Mercer Floral Co., Trenton, N. J.

The new light pink carnation, Genevieve Lord is the coming light pink and we recommend it to you as being first class in every way. It has won highest honors where ever shown. Better than Scott in its palmiest days. There will be no attempt to over propagate it. First come, first served. \$75.00 per 1000; \$10.00 per 100; \$2.00 per doz. Delivery Feb. 15th. Send for complete description. Also Mrs. Thos. W. Lawson, Crocker, Olympia and the Marquis at introducers' prices.
H. Weber & Sons, Oakland, Md.

Orders booked now in order of receipt for rooted cuttings of the famous Mrs. Thomas W. Lawson, the \$30,000 Queen of Carnations, for spring delivery, commencing Feb. 1, 1900. Prices to the trade only: Per dozen, \$3.00; per 100, \$14.00; per 1000, \$120.00; per 5000, \$500.00; per 10,000, \$800.00. Terms strictly cash or C. O. D. from unknown parties. Address all orders and make all remittances payable to Thos. F. Galvin, 124 Tremont St., Boston, Mass.

Rooted cuttings of carnations. Both new and old varieties at lowest prices for good stock. Special rates on orders booked for future delivery. Satisfaction or money refunded.
Geo. A. Rackham, 880 Van Dyke Ave., Detroit, Mich.

PLEASE MENTION THE REVIEW WHEN WRITING ANY OF THESE ADVERTISERS.

CLASSIFIED PLANT ADVERTISEMENTS—CONTINUED.

100,000 rooted cuttings, ready to ship. Early orders get the best stock. Mrs. Thos. W. Lawson, \$3.00 per doz.; \$14.00 per 100. Crocker, Olympia, Marquis, Lord, \$1.50 per doz.; \$10.00 per 100. Crane, 60c per doz.; \$4.50 per 100. America, 50c per doz.; \$4.00 per 100. All the other new and standard sorts, for prices see large adv. Morris Floral Co., Morris, Ill.

Good, strong, well rooted cuttings of Flora Hill, Jubilee, Bridesmaid, Triumph, Daybreak, Kohinoor, \$1.50 per 100; \$15.00 per 1000. Morello, Lizzie Gilbert, Rose Queen, Armazindy, Albertini, \$1.25 per 100; \$12.00 per 1000. L. McGowan, W. Scott, \$1.00 per 100; \$8.00 per 1000. Ready now. Cash with order. Logan Ave. Greenhouses, Danville, Ill.

25,000 rooted cuttings now ready. McGowan, Eldorado, Bobolink, Scott, Cartledge, healthy, well rooted; must be sold, prices low. Kohinoor, the summer bloomer, 2-in. pots, \$1.80 per 100. Cash with order. Roney Bros., West Grove, Pa.

Orders taken for February delivery for Rooted Cuttings of Carnations, Scott, McGowan, Mrs. Fisher, Portia and Alaska, 75c per 100; \$6.00 per 1000. Cash with order. Geo. M. Emmans, Newton, N. J.

Orders booked now for rooted cuttings of Daybreak, McGowan, Silver Spray, Tidal Wave, Meteor and Scott, \$6.00 per 1000 and up. Express paid. Write for prices. S. W. Pike, St. Charles, Ill.

Carnation cuttings now ready of all the leading varieties. Stock guaranteed A1, or money refunded. Chicago Carnation Co. Greenhouses and address, Joliet, Ill.

Good, healthy Mrs. Fisher Carnations, rooted cuttings for summer blooming, \$1.00 per 100, \$8.00 per 1000. Wm. Scott, \$1.00 per 100. Andrew Christensen, Stoneham, Mass.

Ethel Crocker. Absolutely the best carnation ever offered the trade. \$10.00 per 100, \$75.00 per 1000. 250 for \$18.75; 25 for \$2.50. A. M. Herr, Lancaster, Pa.

Carnation Seeds. Specialists in pedigree seeds for winter blooming. Contracts solicited. American Rose Co., Washington, D. C.

The Model Extension Carnation Support, the best yet offered. The Model Plant Stake Co., 226 No. 9th St., Brooklyn, N. Y.

Rooted cuttings of all the new and leading varieties. Send for prices. Geo. Hancock & Son, Grand Haven, Mich.

Novelties and standard sorts of carnations. Before buying send for our list. Cottage Gardens, Queens, N. Y.

Best new and standard varieties. Write for catalogue and prices. W. F. Peacock, Atco, N. J.

Mrs. Fisher, rooted cuttings, from soil, \$1.25 per 100. C. Lengenfelder, Elgin, Ill.

New and standard varieties of Carnations. F. Dorner & Sons Co., Lafayette, Ind.

Rooted cuttings, price list ready. H. F. Littlefield, Worcester, Mass.

CHRYSANTHEMUMS.

Stock plants, fine. Perrin, Golden Wedding, Dailledouze, Rieman, Modesto, Merry Monarch, Sunderbruch, Henderson, Robinson, The Queen, Bergmann, Glory of Pacific, Johnson, Bonaffon, Murdock, \$5.00 per 100. Cash. Mixed of the above, \$3.00 per 100. C. H. Reed, 706 So. 20th St., Birmingham, Ala.

We have left 35 Bonaffon, 30 Niveus, 30 Mrs. E. G. Hill, 35 Queen, 35 Morel, at 5c or the 165 plants for \$7.50. These are from bench and full of young plants. J. P. Wilson, O'ney, Ill.

Headquarters for novelties and standard sorts. Before buying send for our list. Cottage Gardens, Queens, N. Y.

Send in your order now for a copy of the Florists' Manual, by Wm. Scott, price \$5.00. Florists' Pub. Co., Chicago.

CINERARIAS.

Finest strain, 2-in. pots, ready for 4, \$3.00 per 100. 4-in. pots, ready for 5, \$4.00 per 100. 5-in. pots, ready for 6, \$5.00 per 100. Geo. W. Fetzer, 434 N. 11th St., Allentown, Pa.

COLEUS.

Coleus, Crimson Verschaffeltii and Golden Queen, \$7.00 per 1000, 75 cts per 100; 2-in. pots, \$1.50 per 100. Coleus in variety, \$5.00 per 1000, 60 cts per 100; 2-in. pots, \$1.25 per 100. Rooted cuttings except where noted. Cash with order. J. E. Felthousen, Schenectady, N. Y.

20 new ones, all named, \$1.00 per doz.; \$4.00 per 100. 30 standard varieties, all named, 2 1/4-in., \$1.50 per 100. Morris Floral Co., Morris, Ill.

Fancy coleus, rooted cuttings, separate colors, 80c per 100; mixed, 60c per 100. Greene & Underhill, Watertown, N. Y.

Red, yellow and brightest colored fancy, strong, \$6.00 per 1000. D. K. Herr, Lancaster, Pa.

30 varieties, 70c per 100; \$6.00 per 100. Express paid. S. D. Brant, Clay Center, Kan.

Coleus, rooted cuttings, 50c per 100. F. R. Thornton, Macomb, Ill.

Rooted cuttings, separate colors, 80c per 100. C. Winterich, Defiance, Ohio.

Rooted cuttings, 50c per 100. C. Lengenfelder, Elgin, Ill.

CROTONS.

12 finest sorts, color fine, 4-in., \$1.00 per doz. John H. Ley, Good Hope, D. C.

CUT BLOOMS.

High grade carnation blooms. Standing orders solicited. Chicago Carnation Co. Greenhouses and address, Joliet, Ill.

Roses, carnations, paper whites, Romans, smilax. Geo. A. Kuhl, Pekin, Ill.

CYCLAMEN.

Blooming cyclamens, 4 and 5-in. pots, at 20 and 30c each; \$2.00 and \$3.00 per doz. Send in orders for cyclamen seedlings of my own strain, the best obtainable. Ready March 1. \$3 per 100. Four colors. Will exchange for cyperus, Rex Begonia or palms. C. Winterich, Defiance, Ohio.

Cyclamen persicum giganteum. Splendid stock of plants, assorted colors, 3-in., ready for 4-in., \$1.00 per doz.; \$7.00 per 100. Only a few hundred left. E. C. McFadden, Short Hills, N. J.

Cyclamen Persicum Splendens Giganteum, finest strain in the world, in four true colors, in bud and bloom, from 4-inch pots, \$1.50 per dozen; \$12.00 per 100. Paul Mader, East Stroudsburg, Pa.

Cyclamen giganteum, 3-in., \$6; 4-in., \$10 per 100. Cash. Geo. M. Emmans, Newton, N. J.

Cyclamen, 4 colors, 2 1/4-in., \$5.00 per 100. N. Smith & Son, Adrian, Mich.

DAHLIAS.

Dahlias by the tens of thousands. Get my catalogue before ordering elsewhere. W. W. Wilmore, Box 382, Denver, Colo.

Novelties and standard sorts. Send for our list before buying. Cottage Gardens, Queens, N. Y.

DAISIES.

New giant California white Marguerite and the new golden Marguerite, two of the greatest selling plants of the year, strong 2 1/4-in., \$2.50 per 100; rooted cuttings, \$1.00 per 100. South Side Floral Co., Springfield, Ill.

Bellis, strong plants, Snowball and Longfellow, 40c per 100; 300 for \$1.00; \$2.50 per 1000. J. C. Schmidt, Bristol, Pa.

DRACAENAS.

11,000 Dracaena indivisa, in 2-in., \$2.00 per 100; \$25.00 per 1000. Florists' Supply Co., No. Tonawanda, N. Y.

Dracaena indivisa, in flats, \$5.00 per 100. Greene & Underhill, Watertown, N. Y.

FERNS.

	Inch	Price	Per	Per
	pots	each	10	100
Adiantum Capillus Veneris, 2 1/4		\$0.04	\$0.30	\$2.50
Adiantum Capillus Veneris, 3		.05	.45	4.00
A. C. V. Imbricatum or Hardy Farleyense	3	.15	1.50	
A. C. V. Imbricatum or Hardy Farleyense	4	.30	3.00	
Adiantum Cuneatum	4	.10	1.00	9.00
Pteris Cretica Alba-Lineata	4	.10	.90	8.00
Selaginella Emmeliana	2	.04	.30	2.50
Selaginella Emmeliana	3	.06	.50	4.50
Selaginella Emmeliana	4	.10	.90	8.00
Nephrolepis Exaltata	3	.06	.55	5.00
Nephrolepis Exaltata, str'g	7	.45	4.00	
N. Tuberosa	6	.25	2.00	
N. Rufescens Tripinnatifida	5	.35	3.00	

Mixed Ferns, from benches.....1.50
For other varieties and sizes see wholesale list, from which 10 per cent. discount will be given on all orders accompanied with cash. W. J. Hesser, Plattsmouth, Neb.

Ferns. 30 new and choice sorts, 4-in., \$10.00 per 100; 10 new and choice sorts, 2-in., \$4.00 per 100. Nephrolepis Washingtoniensis, 4-in., \$3.00 per doz. Selaginella Africana, 3-in., 50c per doz. Adiantum hybridum, new, 3-in., \$1.00 each. Ferns from flats, nice little plants for small pots, 10 sorts, 100 free by mail, \$1.25. Adiantum cuneatum, extra large, 4-in., \$10.00 per 100. Careful packing. Cash with order. John H. Ley, Good Hope, D. C.

Fern Spores. We are headquarters. Extra large pkt. sufficient for 3000 plants, \$1.00, postpaid. Collection of 12 best varieties, each in separate package, \$5.00, postpaid. Cultural directions with each order. Send for prices on Boston Ferns, Farleyense, etc. E. C. McFadden, Short Hills, N. J.

Ferns. This year we have a fine lot, all in the best possible shape, a good variety and nice, bushy stock, 2 1/4-in. pots, \$3.50 per 100; \$30.00 per 1000; packed in pots, 50 cts per 100 extra, express paid to New York. H. Weston & Bro., Hempstead, L. I., N. Y.

Ferns for dishes. Strong, 2 and 2 1/4-in., \$3 per 100; \$27.50 per 1000. Maranta Massangeana (will sell your fern dishes), \$5.00 per 100; \$40.00 per 1000. Pteris Tremula, 3-in. pots, strong, \$5.00 per 100. Terms cash or C. O. D. C. Merkel & Son, Mentor, Ohio.

Boston Ferns. N. Exaltata Bostoniensis, small plants, \$5.00 per 100 to \$40.00 per 1,000; largest size, \$6.00 to \$20.00 per 100; not less than 250 at 1,000 rate. Wm. A. Bock, No. Cambridge, Mass.

Adiantum cuneatum, select stock, \$6.00 per 100; \$55.00 per 1000. Ready for shipment at once. M. A. Hunt Floral Co., Box 235, Terre Haute, Ind.

Boston ferns and Nephrolepis cordata compacta, 2 1/4-in., \$5.00 per 100. In pans, 50c, 75c, \$1.00, \$1.25 and \$1.50 each. Cash please. Carl Hagenburger, W. Mentor, Ohio.

Adiantum Cuneatum. Strong 2 1/4-in. plants, \$3.00 per 100; \$25.00 per 1000. Fine plants, in 3 1/2 and 4-in. pots, \$6.00 per 100; \$50.00 per 1000. Edw. J. Taylor, Southport, Conn.

Small ferns in choice assortment, out of 2 and 2 1/4-inch pots, \$4.00 per 100. Cash. Geo. A. Rackham, 880 Van Dyke Ave., Detroit, Mich.

Boston Fern, a specialty, \$5.00 per 100; \$40.00 per 1000. Only orders booked. L. H. Foster, 45 King St., Dorchester, Mass.

Boston ferns, bed grown, \$3.00 to \$10.00 per 100. Cash with order. Mrs. Frank W. Poor, Haverhill, Mass.

Selaginella denticulata, 2-in., \$2.00 per 100. They are all right for Christmas sales. E. I. Rawlings, Quakertown, Pa.

Fern Balls. For spring delivery. Must be ordered now. Vredenburg & Co., Rochester, N. Y.

PLEASE MENTION THE REVIEW WHEN WRITING ANY OF THESE ADVERTISERS.

CLASSIFIED PLANT ADVERTISEMENTS—CONTINUED.

FERNS—Continued.

Nephrolepis cordata compacta, 2½-in., \$4 per 100. Cash. Geo. M. Emmans, Newton, N. J.

Pteris tremula, 2-in., 50c per doz.; \$4.00 per 100. C. Lengenfelder, Elgin, Ill.

FORCING PLANTS.

Spiraeas, extra large clumps, per 100, Japonica, \$3.50; compacta, \$5.00; *astilboides floribunda*, \$5.00; *japonica aurea reticulata*, \$10.00.

Rhododendrons for forcing, 50c each; \$5.00 per doz. Well budded plants.

Bobbink & Atkins, Rutherford, N. J.

FORGET-ME-NOTS.

Winter flowering, 2½-in., \$4.00 per 100; rooted cuttings, \$2.00 per 100.

Greene & Underhill, Watertown, N. Y.

FUCHSIAS.

Fuchsia, rooted cuttings, Trailing Queen and four others, \$1.50 per 100.

Greene & Underhill, Watertown, N. Y.

Fuchsias, in variety, in 2½-inch pots. Our selection, \$3.00 per 100. Cash with order.

J. E. Felthousen, Schenectady, N. Y.

Winter blooming, 2½-in., \$2.00 per 100.

Morris Floral Co., Morris, Ill.

Rooted cuttings, \$1.00 per 100.

C. Lengenfelder, Elgin, Ill.

GARDENIAS.

Gardenia Florida, from 3-inch pots, 8-10 inches, branched, \$10.00 per 100.

P. J. Berckmans Company, Augusta, Ga.

GERANIUMS.

Richard Brett, Beate Poitevine, Mrs. E. G. Hill, Wonder, Ruy Blas, Marguerite De Layers, Mme. Bruant, \$20.00 per 1000; 2½-in. pots of the same, \$30.00 per 1000; \$3.25 per 100. S. A. Nutt, La Favorite, Jas. Garr, Double Grant, and several other good bedders, \$15 per 1000; 2½-in. pots, \$22.00 per 1000; \$2.50 per 100. Rose Geraniums, \$2.00 per 100. Skeleton Rose, \$2.00 per 100. Rooted cuttings except where noted. Cash with order.

J. E. Felthousen, Schenectady, N. Y.

Mrs. Parker, 2½-in., \$6.00; Happy Thought, Silver Leaf, 2½-in., \$4.00 per 100. Rooted cuttings, dbl. New Life, Mrs. Parker, dbl. pink silver leaf, \$4.00; Happy Thought, Mrs. Pollock, \$2.00; Freak of Nature, Mara, \$3.00; Mme. Bruant, \$2.50; Silver Leaf, rose scented, \$1.50; Mme. Sallerol, \$1.25; assorted common, \$1.50; mixed, \$1.25; best varieties, \$2.00 per 100.

Greene & Underhill, Watertown, N. Y.

Twelve of the best varieties of geraniums, but mixed, \$1.50 per 100. From 2-in. pots. Cash with order.

Logan Ave. Greenhouses, Danville, Ill.

Bruanti (the grand scarlet bedder), S. A. Nutt, La Favorite, Athelete and Sweet Scented, strong 2½-in., 3c; \$27.50 per 1000.

South Side Floral Co., Springfield, Ill.

New geraniums De Roo Mitting and double Snow Drop, \$1.20 per doz.; \$10.00 per 100. La Favorite, 2½-in., \$2.00 per 100.

Morris Floral Co., Morris, Ill.

Best bedding varieties, mixed, in fine growing condition, 2-in., \$2.50 per 100; rooted cuttings, \$1.50 per 100.

C. Lengenfelder, Elgin, Ill.

Most desirable semi-double bedders and market varieties, double and single, replanted from fine stock, \$16.00 per 1000; from sand, \$12.00.

D. K. Herr, Lancaster, Pa.

2500, rooted October, principally *Heteranthe* and *La Flize*, \$20.00 for the lot, or \$1.00 per 100.

H. Millingar, Merchantsville, N. J.

Novelties and standard sorts of geraniums. Before buying send for our list.

Cottage Gardens, Queens, N. Y.

16 varieties, \$3.00 per 100. Cash please.

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GLOXINIAS.

Named varieties, as follows, \$4.00 per 100. Mont Blanc, pure white; Defiance, scarlet; Progress, red, white bordered; Patrie, violet, white bordered; also a limited quantity of Kaiser Frederick and Kaiser Wilhelm, the best varieties out.

Bobbink & Atkins, Rutherford, N. J.

Gloxinia crassifolia grandiflora, 50c per doz.; \$4.00 per 100; \$30.00 per 1000.

H. A. Dreer, 714 Chestnut St., Philadelphia.

HARDY PLANTS.

Hardy Pinks. Rooted Cuttings. Now ready. 8 sorts as follows: Her Majesty, giant white; Alba Fimbriata, white, fringed; Brunette, pink, with maroon markings; Earl of Carlisle, variegated, maroon, rose and white; Juliette, cherry-red, variegated pink and white; Gertrude, white, maroon markings; Laura Wilmer, pink with darker shadings, fringed; May, beautiful flesh-pink, very fragrant, \$1.00 per 100, postpaid; \$5.00 per 1000, by express. Large; field-grown clumps, \$5.00 a 100. Satisfaction guaranteed.

A. B. Davis & Son, Purcellville, Va.

Vinca Minor. We can supply any quantity in nice little field-grown clumps at \$2.50 per 100; \$8.00 per 1000; \$75.00 per 10,000. Samples at 100 prices. No charge for packing, when cash accompanies order. Reference requested. Pinehurst Nurseries, Otto Katzenstein, Mgr., Pinehurst, N. C. Ask for our trade lists of American Woody and Herbaceous Plants and Seed.

Clematis Virginiana, finest American Climber, sweet-scented small white flower, 2 year, strong, 3 cts. Large-flowered *Clematis*, for forcing, purple and white, fine plants, from 5-in. pots, at 18c; 2 year, field-grown plants, 18c; 1 year, field-grown, fine plants, at 12c. Packing free. W. H. Salter, Rochester, N. Y.

Blota Aurea Nana, a perfect gem, fine, shapely plants, hardy north, 10 to 12 inches high, \$10.00 per 100; \$80.00 per 1000; 12 to 15 inches, \$12.00 per 100; \$100.00 per 1000; 15 to 18 inches, \$20.00 per 100.

P. J. Berckmans Company, Augusta, Ga.

Honeysuckles, Hibiscus Cooperi, Moon vines (white, true), 2½-in. pots, \$8.00 per 100. Hardy pinks, rooted cuttings, 6 varieties, \$1.00 per 100; \$8.00 per 1000. Cash.

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Viburnum Tomentosum. A rare and beautiful shrub. Herbaceous Perennials a specialty. Price list and descriptive catalogue on application. Rea Brothers, Norwood, Mass.

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Hardy herbaceous plants only. In any quantity for the least money.

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Heliotrope, rooted cuttings, the best. 75c per 100.

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Rooted cuttings, \$1.25 per 100.

Greene & Underhill, Watertown, N. Y.

15 varieties, \$1.00 per 100.

S. D. Brant, Clay Center, Kan.

Rooted cuttings, \$1.00 per 100.

C. Lengenfelder, Elgin, Ill.

HYDRANGEAS.

Otaska and Thos. Hogg, \$10.00 per 100. Extra value, satisfaction guaranteed.

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Hydrangea, pink, 3-in., \$6.00 per 100.

Greene & Underhill, Watertown, N. Y.

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Manettia bicolor, 2½-in., \$6.00; rooted cuttings, \$2.00 per 100.

Greene & Underhill, Watertown, N. Y.

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Allen's Defiance, fine plants from seed bed, 50c per 100; \$3.50 per 1000.

J. C. Schmidt, Bristol, Pa.

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Orchids have for very many years been a specialty with the undersigned, and the collection is steadily augmented by fresh importations from the collectors of the firm. It is not easy, without seeing it, to form an adequate conception of the stock. Extent is simply immense. Quality fine. Prices moderate.

HUGH LOW & CO.,

BUSH HILL PARK NURSERY,

ENFIELD, ENGLAND.

We are headquarters for established and imported orchids of A1 quality. Our new price list now ready. Cherry wood baskets, moss and peat. Lager & Hurrell, Summit, N. J.

Strong, well established, healthy plants, at \$9.00 per doz. Fern roots of best quality, \$1.00 per barrel.

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Tree peonias, in pure white, rose, red and variegated. Should be planted now in pots. Commands high prices for Easter bloom. If desired special directions will be given to insure best success. We offer fine stock, per plant, 65 cts.; per dozen, \$6.00; 25 plants, \$10.00.

H. H. Berger & Co., 47 Barclay St., New York.

Paeonia officinalis rubra plena, \$10.00 per 100; \$1.50 per dozen. This is the true dark crimson variety, the earliest flowering peonia in existence and the only one good for forcing.

Bobbink & Atkins, Rutherford, N. J.

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LATANIA BORBONICA.

4-inch pots, \$2.50 per doz.; \$20.00 per 100. 5-inch pots, \$4.75 per doz.; \$35.00 per 100. 6-inch pots, \$9.00 per doz.; \$70.00 per 100. 7-inch pots, \$1.25 each, and fine specimen plants from \$6.00 and upwards.

Areca Lutescens, fine plants from \$5.00 upwards. Kentia Belmoreana and Forsteriana—4-in. pots, \$35.00 per 100; 5-in. pots, \$50 to \$75 per 100; 6-in. pots, \$1.00 to \$1.25 each; 7-in. pots, \$1.75 to \$2.00 each; larger plants, well grown, from \$2.50 and upwards. Phoenix reclinata, 4-in. pots 25c each, \$20 per 100; 5-in. pots, 40c each, \$35.00 per 100; 6-in. pots, 60c each, \$55.00 per 100; 7-in. pots, \$1.25 each. Phoenix Canariensis, Rupicola and Reclinata, fine specimen plants, from \$3.00 to \$5.00 each. Cocos Weddelliana, from 2-in. pots, \$1.50 per doz. John Bader, Troy Hill, Allegheny, Pa.

Cocos nucifera, fine large plants, 25 to 40 cts each. Cycad, Zamia integrifolia, stems for planting, \$2 per 100; \$12 per 1000; large, \$3 per 100; \$30 per 1000 (can be shipped by freight); crowns, extra selected (a good substitute for Sago palm), 8 to 20 leaves, 12 to 20-inch, \$5 per 100. Thrinax argentea, crowns (silver leaved palm), extra selected, \$6 per 100. Echites paladosa, a beautiful climber, flowers white, slightly tinted with pink, \$4 per 100.

Soar Bros., Little River, Fla.

	Pot	Ht.	Char.	Per	Per
	in.	in.	lvs.	100.	1000.
Latania Borbonica,	4	12-15	3	\$15.00	\$125
"	4	15-18	2-3	20.00	150
"	5	18-20	4-5	25.00	
Phoenix Canariensis,	4	15-18	4-5	15.00	
Seaforthia Elegans,	4	18-20	2	20.00	

P. J. Berckmans Company, Augusta, Ga.

Kentia Belmoreana, very scarce. We have a fine block of bushy little plants in 3-in. pots, about 5 leaves, just right for center piece, \$3.00 per doz.; \$25.00 per 100.

Cocos Weddelliana, our stock cannot be surpassed. Fine stocky plants from 3-in pots, \$2.00 per doz.; \$15.00 per 100. \$140.00 per 1000.

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	Palm Seed.	Fresh on hand.
Phoenix Tenuis.....	\$0.75	\$ 5.00
Phoenix Pumila.....	1.00	8.00
Phoenix Reclinata.....	.75	5.00
Corypha Australis.....	.75	5.00
Pandanus Utilis.....	1.25	10.00
C. L. Schiller, 404 E. 34th St., New York.		27.50

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CLASSIFIED PLANT ADVERTISEMENTS—CONTINUED.

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Wm. A. Bock, North Cambridge, Mass.

Fresh seed: *Lantana borbonica*, 40 cts per 100; \$2.50 per 1000. *Cocos Weddelliana*, \$1.00 per 100; \$7.50 per 1000. *Pandanus utilis*, \$1.25 per 100; \$10.00 per 1000. Samples, 10 cts.

H. H. Berger & Co., 47 Barclay St., N. Y.

Pandanus Veitchii, vigorous, shapely plants, each, 6-in., \$1.00; 7-in., \$1.50; 8-in., \$2.00. Discounts on large orders.

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California Fan Palm. *Washingtonia Filifera*, from seed bed, one foot high, \$5 per 100, postpaid.

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Aspidistra, extra fine plants. Variegated, 10c per leaf, green, 6c per leaf.

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Kentia Belmoreana and *Forsteriana*, 3-in., and *Lantana Borbonica*, 4-in., 25c each. Cash.

Geo. M. Emmans, Newton, N. J.

Peperomias argyrea and *arifolia*, 3-in., 50c per doz.

John H. Ley, Good Hope, D. C.

PANSY PLANTS.

For Pansy Seed see under heading "Seeds."

Rosmer's Superb Prize Pansies. This improved strain all the leading novelties included; strong bushy plants ready now; 60 cts per 100, by mail; \$2.00 per 500, by express; \$4.00 per 1000; \$7.00 per 2000; \$10.00 per 3000; \$15.00 per 5000. Large plants, transplanted, in bud and bloom, \$1.00 per 100. Cash with order. Peter Brown, Lancaster, Pa. Grower of extra fine Pansies.

Good plants, by express, \$2.50 per 500; \$4.00 per 1000. C. Soltan & Co., 199 Grant Ave., Jersey City, N. J.

Fine plants, large flowering strain, \$2.50 per 1000. Cash please.

Jos. H. Cunningham, Delaware, Ohio.

Schmidt's Pansies have no equal. Fine plants, 50c per 100; \$3.00 per 1000.

J. C. Schmidt, Bristol, Pa.

Pansy plants. Mitting's Giants, 50c per 100; \$3.00 per 1000. Morris Floral Co., Morris, Ill.

Herr's Pansies, the best strain in the world.

A. M. Herr, Lancaster, Pa.

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Strong plants, mixed varieties, from 2½-in. pots, \$3.50 per 100. Geo. W. Fetzer, 434 N. 11th St., Allentown, Pa.

15 best varieties of pelargoniums, \$2.00 per 100.

S. D. Brant, Clay Center, Kan.

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Henderson's and Dreer's choicest varieties. Extra strong 2-in. pot plants, \$2.00 per 100; \$18.00 per 1000. Extra strong rooted cuttings, \$1.00 per 100; \$3.00 per 1000.

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Dreer's are the best double fringed pink to date, \$1.25 per 100; \$10.00 per 1000.

F. R. Thornton, Macomb, Ill.

30 varieties, every one fine, \$1.25 per 100.

S. D. Brant, Clay Center, Kan.

30 varieties, mixed, \$2.00 per 100.

Morris Floral Co., Morris, Ill.

Rooted cuttings, \$1.00 per 100.

C. Lengsfelder, Elgin, Ill.

"The Classified Advs. are a great convenience" is the verdict of the buyers.

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Chinese Primroses, fringed foliage, finest market vars. from 2-in. pots, \$2 per 100; from 2½-in. pots \$2.50 per 100; from 3-in. pots, fine plants in bud, \$4 per 100. From 4-in. pots, extra strong, in seven colors, including double white, red and single blue, all well set with buds, \$1 doz.; \$8 per 100. All warranted A No. 1 stock. Paul Mader, East Stroudsburg, Pa.

Nice stocky plants of large flowering Chinese Primroses, mixed colors, many of them blooming, out of 4-inch pots, at \$6.00 per 100. Cash with order.

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New yellow Baby Primrose, 2½-in., \$1.20 per doz.; \$10.00 per 100. Chinese, 2½-in., strong, \$1.50; Obconica, strong, 2½-in., \$2.00; 3½-in., \$3.00 per 100. From flats, strong, 75c.

Morris Floral Co., Morris, Ill.

Chinese, 3-in., \$5.00, 4-in., \$3.00 per 100; 6-in. pans, \$3.00 per doz. Obconica grandiflora and Hybridum, same size and price as Chinese. All in bud and bloom.

N. Smith & Son, Adrian, Mich.

Chinese Primrose, finest fringed varieties, 2-in., \$2.00; 2½-in., \$3.00 per 100; 3-in., \$4.00 per 100. Cash. Geo. M. Emmans, Newton, N. J.

Chinese primroses, strong, 3-inch pots, 50c per doz.; 4-in. pots 75c per doz. C. Elsiele, 11th & Jefferson Sts., Philadelphia, Pa.

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150 Obconica grandiflora and 100 Forbesi at \$2.00 per 100. Cash please.

Jos. H. Cunningham, Delaware, Ohio.

In bud, 2-in., \$2.00; 2½-in., \$3.00 per 100.

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In 3 and 3½-in., \$5.00 per 100.

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The grand new rose Liberty, most nearly approached by Meteor in color, but far surpassing that standard variety in brilliancy and purity of color, as well as in size; never showing any deformed, black or bull heads either in winter or summer and far surpassing Meteor in freedom of bloom. A remarkable keeper when cut, keeping its brilliancy of color without turning blue or dropping its petals, as is the case with Gen. Jacqueminot, which it somewhat resembles in size and fragrance. Prices are as follows for A1 stock: Own rooted plants in 2½-inch pots, 12 plants, 60c; 25 plants, 50c; 50 plants, 30c; 100 plants, 25c; 1000 plants, 20c each.

Grafted plants in 2½-inch pots: 12 plants, 75c; 25 plants, 60c; 50 plants, 50c; 100 plants, 40c; 1000 plants, 35c each. Satisfactory reference or deposit from all unknown correspondents. Orders coming in after this date can be filled only in April or later, as my stock for March delivery is all sold.

E. G. Asmus, West Hoboken, N. J.
Agents: J. C. Vaughan, Chicago, Ill.; J. N. May, Summit, N. J.; F. R. Pierson Co., Tarrytown-on-Hudson, N. Y.

D. & C. roses are the cheapest because they are the best. We have in stock over 1000 varieties on own roots, including nearly 200 new roses not offered elsewhere, as well as all the old favorites, at prices that make it worth your while to send us your list for quotations before buying elsewhere. All sizes from 2½-in. pots up. Send for a copy of our New Guide to Rose Culture for 1900, a handsome book of 134 pages, illustrated with hundreds of half-tones and numerous colored plates. It is really a work of art and free for the asking. The Dingee & Conard Co., Rose Growers, West Grove, Pa.

Rose cuttings. American Beauty, \$3.00 per 100; \$25.00 per 1000. Kaiserin and La France, \$2.00 per 100; \$17.50 per 1000. Bride, Bride-maid, Meteor and Perle, \$1.50 per 100; \$12.50 per 1000. All rooted cuttings sold under the condition that if not satisfactory they are to be returned at once and money will be refunded.

George Reinberg, 51 Wabash Ave., Chicago.

Dormant Hybrid Perpetual Roses. Just the thing for Easter pot plants. Low budded. Two-year-old. Price, your selection of kinds, bundle of 10 for \$1.25; 100 for \$10.00; 1000 for \$90.00. The varieties: Alfred Colomb, Capt. Christy, Duke of Edinburgh, Fisher Holmes, Gen. Jacqueminot, Gen. Washington, John Hopper, La France, Mabel Morrison, Baroness Rothschild, Mme. Gabriel Luizet, Magna Charta, Margaret Dickson, Mrs. John Laing, Paul Neyron, Perle des Blancs, Prince Camille de Rohan, Ulrich Brunner. Clucas & Boddington Co., 342 West 14th St., New York.

Roses. For Spring Blooming. The proper sorts, Clothilde Soupert, Gen'l Jacqueminot, Coq. des Alps, La France, Coq. des Blancs, etc., fine 1 and 2 year field-grown plants, suitable for 5-in. pot, 5c.

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3½-in. Bride, M. Van Houtte, at \$4.00 per 100. 2½-in. Bride and Maid, C. Soupert, Yellow Soupert, Hermosa, Mrs. De Graw, Yellow Rambler, Crimson Rambler, and a general line of good roses, in 2½-in., at low prices. Cash.

National Plant Co., Dayton, O.

Crimson Rambler, strong plants, 3 to 4 ft., \$15.00 per 100; extra strong, 4 to 5 ft., \$18.00 per 100. The Conard & Jones Co., West Grove, Pa.

Several thousand strong, field-grown, 2-year-old Zella Pradel rose plants, for sale at \$15.00 per 100.

John Wolf, Savannah, Ga.

Liberty Rose. We have sole control for the New England states.

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1000 Bridesmaid roses, 2½ and 3-in., \$2.50 per 100 to close out.

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First rooted cuttings of roses ready for immediate shipment. Geo. A. Kuhl, Pekin, Ill.

Hardy roses in great variety.

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Manetti stocks for fall delivery.

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Grafted Roses, price list ready.

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Salvia splendens, 2½-in., \$2.50 per 100; rooted cuttings, \$1.00 per 100.

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Salvia, rooted cuttings, \$1.25 per 100.

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Ready for delivery now. Crop, 1899. No old seed kept over. Sweet peas in following sorts: America, Aurora, Apple Blossom, Blanche Ferry, E. Early B. Ferry, Blanche Burpee, Boreation, Capt. of Blues, Captivation, Cardinal, Countess of Radnor, Countess of Aberdeen, Creole, Dorothy Tennant, Emily Henderson, Emily Eckford, Eliza Eckford, Firefly, Gray Friar, Juanita, Lottie Eckford, Lemon Queen, Mars, Mrs. Jno. Chamberlain, Mrs. Hunt, Maid of Honor, New Countess Primrose, Prima Donna, Princess of Wales, Queen of England, Queen Victoria, Red Riding Hood, Senator, Stanley, any of above sorts, oz., 5 cts; ¼ lb., 15 cts; ½ lb., 20 cts; 1 lb., 30 cts. When ordering add postage, 4 cts for 2 oz. Choicest mixture, Eckford's hybrids, ¼ lb., 10 cts; ½ lb., 15 cts; 1 lb., 25 cts. Sow now Gloxinia Seed, prize mixture, pkt., 25 cts.

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XXXSeeds. Verbena Grandiflora. The finest strain of Improved Giant Verbenas yet produced, largest flowers and best colors, per pkt., 600 seeds, mixed colors, 50 cts. Cyclamen Giganteum. The choicest Giant-flowering varieties in best mixture, pkt., 200 seeds, \$1.00; half pkt., 50 cts. Petunia Dbl. Fringed. The largest and finest Double Fringed and mottled Petunias to be had, trade pkt., 50 cts. Chinese Primrose. Best large, single and double, 500 seeds, \$1.00. Phlox Drum. Pumila. New, very dwarf, perfect beauties, excellent for growing in pots for Spring sales, mixed colors, per trade pkt., 20 cts. Pansy. Finest Giant. Choicest mixed Mammoths, 3500 seeds; \$1.00; ½ pkt., 50 cts. A pkt. of New Double Early-flowering Dwarf Vienna Carnation added to every order.

John F. Rupp, Shiremanstown, Pa.

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CLASSIFIED ADVERTISEMENTS—CONTINUED.

SEEDS—Continued.

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Onion seed, California grown, strictly 1899 crops. Per lb.: Yellow Strasburg, Red Wethersfield, Yellow Flat Danvers, Early Flat Red, 70c; Prize Taker, \$1.00; Silver King, \$1.25; Southport Red Globe, \$1.30; Yellow Globe Danvers, Southport Yellow Globe, 70c. Terms 120 days.

Perry Watson & Co., Sacramento, Cal.

Wholesale price list for florists and market gardeners.

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Special seeds for the florist and gardener. Send for wholesale catalogue.

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Pansy seed, 3-16 oz., \$1.00; 1 oz., \$4.00. Cash with order.

C. Soltau & Co.,
199 Grant Ave., Jersey City, N. J.

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String your Smilax with Meyer Green Silkaline. Send for samples and prices. John C. Meyer & Co., Mfrs. and Wholesalers, 87 Summer St., Boston, Mass.

Extra strong bushy seedlings (sown first of Aug.), fine plants, 50c per 100; \$4.00 per 1000 by mail. South Side Floral Co., Springfield, Ill.

From flats, 50c per 100; 2-in. pots, \$1.50 per 100. Cash with order.

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Swainsona galegifolia, \$1.25 per 100.

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Cabbage plants Jersey Wakefield and other varieties, from cold-frames, transplanted. Lettuce plants, Boston Market, Tennis Ball, Curled Simpson, Grand Rapids and other varieties.

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Tomato plants from 2½-in. pots, \$2.00 per 100; were grown from seed from perfect Lorrillards. Order at once as stock is limited. Cash.

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Verbenas, 75,000, all standard named sorts, much superior to the home made named seedlings often sent out. Guaranteed all true to name. Reduced prices. Rooted Cuttings, well rooted, 60c per 100; \$5.00 per 1000; 5000 for \$22.00; 10,000 for \$40.00; 25,000 for \$75.00. In larger lots, write for prices. We don't care where you live—guaranteed to reach you in good shape. Sent prepaid. Send for price list of other stock.

S. T. Danley, Macomb, Ill.

20th century verbenas, thirty-two grand mammoth varieties, including the new Capt. Dreyfus, Helen Gould, Melba and others. This is the set that will make money for you in 1900. Strong 2-in. pot plants, ready now, \$2.00 per 100; rooted cuttings, 60c per 100; \$5.00 per 1000. South Side Floral Co., Springfield, Ill.

60 finest named varieties, including our new mammoth white, Mrs. McKinley, the finest white verberna grown. Healthy, free from rust. Rooted cuttings, 60c per 100; \$5.00 per 1,000. Plants, \$2.50 per 100; \$20.00 per 1,000. Our list is the choice from millions of seedlings.

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We have all the best, plenty of red and pink, 60c per 100; \$5.00 per 1000.

S. D. Brant, Clay Center, Kan.

New mammoth verbenas, standard, all colors, 60c per 100; \$5.00 per 1000.

F. R. Thornton, Macomb, Ill.

VINCAS.

Major and Var., strong rooted cuttings, \$1.00 per 100.

South Side Floral Co., Springfield, Ill.

Vincas, rooted cuttings, \$1.50 per 100; \$12.50 per 1000. In 2-in. pots, \$5.00 per 100.

Greene & Underhill, Watertown, N. Y.

Vincas, center of foliage yellow, 2½-in., 50c per doz.; \$3.00 per 100.

C. Lengenfelder, Elgin, Ill.

Var., strong field clumps, \$4.00. R. C., \$1.00 per 100. Cash. Dann & Son, Westfield, N. Y.

Major and Var. at \$1.00 per 100.

Logan Ave. Greenhouses, Danville, Ill.

Variegated vincas, 2½-in., \$2.00 per 100.

Morris Floral Co., Morris, Ill.

VIOLETS.

Single white violets, clumps from open ground, \$5.00 per 100. California, clumps, \$4.00 per 100. C. Elsele, 11th & Jefferson Sts., Philadelphia, Pa.

25,000 fine rooted cuttings, Lady Campbell violets, \$5.00 per 1000. Samples free. Wm. Swayne, Box 226, Kennett Square, Pa.

Princess of Wales, strong plants, \$2.00 per 100. Samples, 10c.

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MISCELLANEOUS PLANTS.

Ageratum, three kinds, including Princess Pauline, 70c per 100. Alyssum, dbl., \$1.00 per 100. Apple geraniums, \$1.75 per 100. Lantanas, four kinds, \$1.25 per 100. Salvias, three kinds, \$1.00 per 100. Express prepaid and satisfaction guaranteed. Cash with order, don't send checks.

S. D. Brant, Clay Center, Kan.

Lemon Verbena, \$3.00, \$4.00 and \$6.00 per 100. Impatiens Sultan, 2½-in., \$3.00 per 100. Rooted cuttings: Impatiens Sultan, \$2.00. Fragrant calla, 2½-in., \$1.50; 4-in., \$3.00 per doz. Mignonne, 2-in., \$2.00 per 100.

Greene & Underhill, Watertown, N. Y.

Velvet plant, Mesembryanthemum erectum, California moss, fine for border or basket, Lycopodium dent., to fill in design work. Dusty Miller, Feverfew, Little Gem and Golden Leaved, all the above in 2½-in. pots, \$2.00 per 100.

Morris Floral Co., Morris, Ill.

Moon Flowers, from 2-in. pots, white and blue, \$2.50 per 100; \$20.00 per 1000.

C. L. Reese, Springfield, Ohio.

Choice petunias, pansies, verbenas, heliotrope, etc. Send for list and prices.

D. K. Herr, Lancaster, Pa.

Sweet Alyssum, dwarf, 2½-in., \$2.00 per 100.

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Colored plates, seed packets, engravings, etc.

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GROVE CITY, PA.

J. E. Black built a new house 20x200 this fall and it is planted with carnations and sweet peas. He also built a boiler room 16x18, with work room above, and put in a new steam boiler to heat the new building. He expects to remove his old houses out of town next summer, so that all may be heated by one fire.

Butted glass was used on the new house, as in nearly all his houses, and it gives him much more satisfaction than the lapped glass.

Carnations are his main crop and the bulk of the cut goes to the Pittsburgh market.

SPRINGFIELD, MASS.—Mr. B. J. Shaw, of St. James avenue, lost his range of two houses (each 20x100) by fire December 15. One was filled with carnations in full bud for Christmas and the other with roses. The fire is supposed to have been started by tramps. The loss is partly covered by insurance.

Always mention the Florists' Review when writing advertisers.

GRAND RAPIDS, MICH.

Since Christmas the weather has been wild and blustering, the mercury dropping to 16 below, shortening up the crop so that the customary drop in prices did not materialize.

The death of a prominent railroad official, M. B. Rogers, called for a lavish use of flowers, affording the florists an opportunity to work off the remnants of their bulbous stock.

New Year's trade was brisk, yet tame compared to Christmas. Carnations still remain firm at 50 to 75 cents per dozen, with Irenes selling at 25 cents more than the best. Roses, \$1.50 to \$2; Romans and narcissus, 75 cents.

Saturday night fire destroyed the plant of Charles Chadwick, on Burton avenue. Ten houses with their entire contents were ruined. Cause of the fire unknown. Loss \$6,000, with no insurance.

GEO. F. CRABB.

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There is no yellow tea rose that can equal Perle for forcing. A. O. T.

MIDDLETOWN, CONN.—Christmas trade was good here, yet there was enough of everything to go around in cut flowers, except carnations and paper whites. Roses sold for \$2 and \$2.25 a dozen; Roman hyacinths, 60 cents; carnations, 40 cents; violets, \$2.50 and \$3. Holly was good and sold well. All of the wreaths handled by the florists here are made by the farmers, with the exception of Beebe's. He makes his own, and they are by far the best and bring the higher price. Palms were in less demand this year than former years. Small ferns sold well, also Boston ferns, but not as well as anticipated. Flowering plants were in good demand, but they were not to be had. Business kept up good all day Christmas. Mr. Stedman, the florist, died on December 16. His death was caused by a cold contracted while out gathering Christmas greens. The business conducted by him will be discontinued after January 6.

F.

FAIRBURY, ILL.—There was a decided increase in Christmas trade and flowers sold for much higher prices than in former years. The principal call was for colored carnations. Our carnation crop was nearly at its best and we had a large cut for the holidays.

JNO. MILNE & SON.

LEHIGHTON, PA.—Paul Niehoff reports Christmas business as very satisfactory.

CLARKSVILLE, TENN. — James Morton reports a busy Christmas. Both plants and cut blooms sold at good prices.

PITTSFIELD, MASS.—Fire did damage to the amount of \$1,000 to the greenhouses of G. J. Reuter & Son, December 23.

TORONTO, ONT.—Mr. R. Mearns reports a good year and that business is improving. He has built a new house for palms, ferns, etc.

JAMESTOWN, N. Y.—Sophie Butler has discontinued her greenhouse business. The greenhouses have been sold and the material will be removed.

MAROA, ILL.—Mrs. E. A. Cooper reports good trade during the past year, double that of last year. Christmas business was all right and outlook for spring trade good.

WICHITA, KAN.—Charles P. Mueller has made numerous improvements of late and now has an exceedingly well appointed place as well as one of the largest in this section.

HACKENSACK, N. J.—The Red Towers Greenhouses report a fine Christmas business, more than double that of last year. Greens and plants sold well. Big demand for cut flowers.

BALTIMORE, MD. — Charles E. Smith & Co., of 101 North Liberty St., have opened a branch store at 902 South Charles St. Albert Fiedler, formerly in their Liberty street store, is in charge.

CLEMENTON, N. J.—E. Banyard & Son have completed another house, 12 x 75, for their new double pink petunia which will be sent out the coming spring, and which is one of the finest in habit and bloom.

QUINCY, ILL.—We never had a better demand for flowers than this year. C. F. W. Gentemann cut a fine lot of Maids that retailed at \$2.00 a dozen, also Brides and Perles. Hyacinths and valley sold at 75 cents a dozen. Carnations were never better, Day-break, Hill and Triumph retailing at 75 cents a dozen. No violets at present.

ATLANTIC, IA.—C. G. Anderson & Co. report a fine Christmas trade, fully 25 per cent ahead of last year. During the past summer this firm rebuilt their entire establishment and built new office building, potting shed, boiler house, etc., and installed a new boiler. They now have a fine range of about 15,000 feet of glass. They do both a wholesale and retail business.

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WANTED—Situation by all-round grower to take charge; state wages; references. Address Grower, care of Florists' Review.

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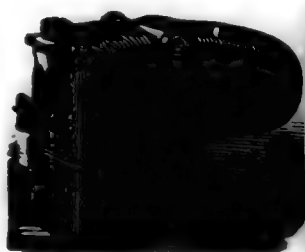
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THE FLORISTS' REVIEW

G. L. GRANT, EDITOR AND MANAGER.

PUBLISHED EVERY THURSDAY BY

THE FLORISTS' PUBLISHING CO.

320-338 Carlton Building, Chicago,

334 Dearborn Street.

Subscription, \$1.00 a year. To Europe, \$2.00. Subscriptions accepted from those in the trade only.

Advertising rates: Per inch, \$1.00; 1/4 page, \$13.50; full page, \$27.00. Discounts: 5 times, 5 per cent; 13 times, 10 per cent; 26 times, 20 per cent; 52 times, 30 per cent. Discounts allowed only on consecutive insertions. Only strictly trade advertising accepted. Advertisements must reach us by Tuesday to insure insertion in the issue of the following Thursday.

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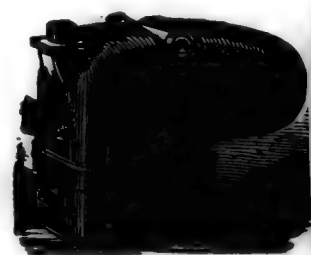
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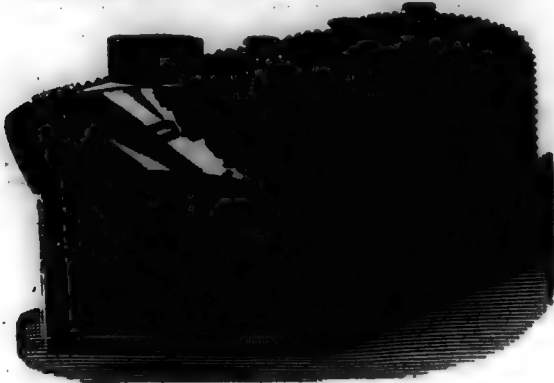
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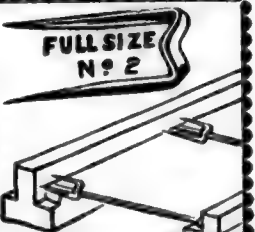
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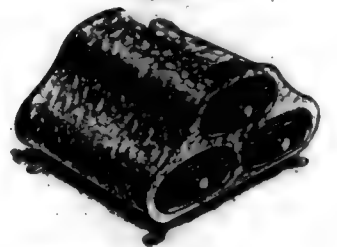
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FLORISTS' PUBLISHING CO., 520-535 Caxton Building, CHICAGO.

Vol. V.

CHICAGO AND NEW YORK, JANUARY 11, 1900.

No. 111.

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Flowering Shrubs.

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There's nothing specially new in the material but there promises to be in decorations exclusively of them. Just suppose that instead of your avenue of palms or arbor of greens for a wedding decoration you had an avenue of peach trees all a mass of bloom, or a canopy of apple blossoms. Why of course you can have such things if you want to and prepare for it. Many flowering shrubs, such as *Cydonia japonica*, *Forsythia viridissima*, several varieties of lilac, double flowering cherry and almond, weigelas, deutzias, mock orange, spireas such as *S. Van Houttei* and *S. prunifolia*, etc., are yearly forced for the New York market and just now some of it, especially Japan quince and forsythia, makes a pretty and interesting window display.

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Entrance to Hodgson's.

NEW YORK STORES AT CHRISTMAS.

early to trim or train many of the plants intended for that event. Crimson Ramblers will stand more attention than has been given them; there is a vast number of ways you can train them; but let us have some in basket shape. Whatever you do don't put Easter plants in too big pots; they not only make your plants look poorer and smaller but they kill the chance of sale; don't economize on plant pots, it's poor policy.

Get some wire baskets, plant *Asparagus Sprengeri* on the bottom and sides and fill the top with *Begonia Glory of Lorraine*; they'll sell at Easter and the better they are the bigger the price.

Various Notes.

Chorizema ilicifolium is in bloom now and a beautiful thing it is. What a grand thing to go with *Ma Capucine*

riages or cars, you must put them close to but not touching the glass and have some fairly high up. Some of the New York stores suspend a flat basket by ribbons and fill it with bunches of flowers; sometimes they are pretty; other times the combinations of ribbon and flower color are enough to make a negro turn white.

Some day the north and the east will be in closer touch with the west and south, and lots of the fine material growing out there will be used in decorative work. The California pepper referred to in a recent issue was used this Christmas in New York. It is very good for many kinds of basket work and will no doubt become popular, but we hope to see the day when olives, oranges, magnolias, etc., will be shipped on the branch and used extensively so.

We notice that among the promi-

four to six in a group at irregular lengths; get a 30-inch even width wreath and fill it full and round with green moss; if we can we get a lot of 2½-inch *Adiantum cuneatum*, cut the roots off one inch from the top, and work these in thickly so that they hide frame and moss and form a perfect wreath of fern; if we cannot do this then we solidly green the wreath back and front with *Asparagus Sprengeri*, then cover the front side with short-stemmed fern; having thus thoroughly mossed and greened the wreath, we start at one side with our flowers and arrange them so they will form a full half circle, that is to say, when the wreath is flat on the counter the flowers will touch it on both sides. We have some stemmed short so as to break regularity and yet the whole wreath must be uniform. We save a group of our longest stems for where we finish and with these we make a branched cluster, perhaps with ivy tips, to take the place of ribbon.

Many will say: "Oh, pshaw, that's nothing new; we can do that easily." Well, somehow we try to see all the grand wreaths at big funerals, but we tell you that you don't often care to own up to your work at these affairs; most of them are what we know as "pancakes," or they are thrown together with sphagnum moss protruding. It requires fine ability to arrange a wreath properly, and even with the smallest flowers, such as violets, it is decidedly wrong to have them all even heights and jabbed together.

The days of tinfoil are fast disappearing, and so they ought; for if there is any one thing outside noise to mar the effect or solemnity of a funeral it is the grotesque, nerve-racking glitter of tinfoil. To be sure, we need something to hide grey moss, but the ceremony of having a boy carefully measure and plaster this art destroying stuff on the backs of every design seems to be a sacred law. Well, to be up with the twentieth century you must change, do better work and use more of nature's products.

Orchids, with the exception of cypripediums and a few others which are seldom wanted, are scarce at present. A limited quantity of *Cattleya Trianae* are coming in and they are very grand; they retail at from 75 cents to \$1.00. *C. Percivaliana* didn't seem to go so well this season; it wasn't because they're small, for the color is good; it's their peculiar odor. It's unfortunate the odd shape of the cypripedium flower will not permit it to be worn; the colors are very beautiful and will harmonize with any dress; try *C. Harrisianum* with valley or Meteors; even by itself the color is grand! We are sure that if a few more colors were introduced a vast quantity more of *C. insigne* could be sold.

New York Florists' Stores.

We have pleasure in presenting the second batch of views taken specially for this department on Christmas eve. The entrance to Hodgson's grand



Scallen's.
NEW YORK STORES AT CHRISTMAS.

rose! Painters can get their colors from paints but we have to be satisfied with what's on the market, more's the pity.

There are several varieties of narcissus and other bulbous stock coming in. The yellow trumpets always seem to herald spring and they are welcome in the stores, but so far they are poor in quality. It is well to have a good bunch of spring flowers such as freesias in a neat vase on the counter; many customers take a fancy to and purchase flowers if they are put where they can smell them. In several stores in New York, and for that matter in every city, whenever a good customer is seen nearing the store, some of the finest stock is hurriedly put out on the counter in order to attract a sale, and it is often a very successful ruse.

If you want your flowers in the window to show prominently at a distance, especially to people in car-

rent private gardeners a great many flowers such as antirrhinums, Canterbury bells, wallflowers, etc., are being grown under glass for cut flowers. Many beautiful snapdragons are in bloom now; most of the seed was sown in August. Of course you might not get much on the market for this kind of stock, but all the same the wealthy would not have it grown if they did not want it, and nowadays they seem to take a pride in walking into your store and telling you of this and that they have growing in the country.

There are very few things prettier than a well made wreath of pansies, but you must either have them one color or group them to harmonize. Beaconsfield is far the best kind we can get here for funeral work, and it requires from 750 to 1,000 flowers to make a wreath properly. We do it this way: First put every flower on a No. 36 wire; then put them on sticks,

store is imposingly beautiful; the trees outside are trimmed box with berried branches of *Ilex verticillata* stuck in between the branches; others are specimen hollies imported from Europe for Christmas. If you come to New York visit this store; it is at Fifty-sixth street and Fifth avenue.

Stumpp's is two blocks above. Scal-len's is at Thirty-first street, on Broadway; it is always attractive. Some of the finest flowers in New York are to be seen in these windows; the present picture shows trimmed baskets of flowering plants for Christmas trade.

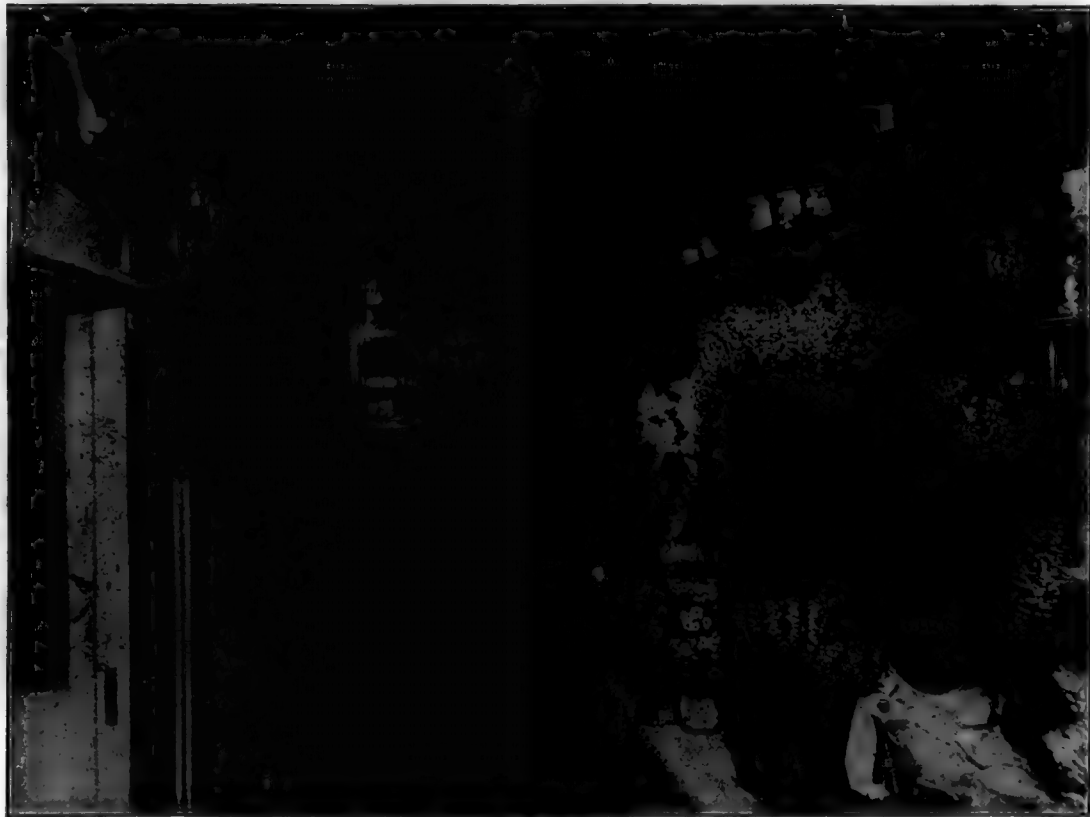
Moulton's, formerly the Bridgeman Co., is a very pretty store near Thirty-fourth street, on Broadway. This shows but a section of the interior, with a group of made up baskets ready for delivery. Ice box is in the rear. Sears is near Forty-second street, on Sixth avenue. There is a greenhouse in the rear of this store; the ice box is shown on the left and a bench of flowering plants ready for Santa Claus is seen on the right.

The other is a side view of Fleischman's store at Twenty-fifth street, on Broadway. This is certainly one of the finest florists' stores of the world and is one of the sights on Broadway. Delivery wagons are shown and alongside the windows are stacks of tall silver birch sticks upon which are hung wreaths and mistletoe.

There are very many more stores in this city which we intend illustrating

son's bloom. Of course those who do a wholesale business in rooted cuttings and plants will have started some three or four weeks earlier, but for those who do a moderate sized business in this, or grow only for their own planting, it is plenty early.

of 6-inch boards, with a half-inch space between them, is best for affording perfect drainage. On top of this bottom put about one inch of coarse, and on top of this one inch of finer cinders, then three inches of sand, and if the sand is sharp and fresh there



Sears'.



Geo. A. Moulton's
NEW YORK STORES AT CHRISTMAS.

during the year. Send us pictures of yours and your work, that others may learn something therefrom. IVERA.

ROSE NOTES.

It is now time to prepare and propagate your rose stock for the next sea-

Be particular that the bench that is to be used for this purpose is thoroughly cleaned and give it a good washing of lime; don't use air slacked lime, but get it good and fresh and put it on as soon as it is well slacked. A bench the bottom of which is made

will be no trouble in rooting any of the varieties now used for forcing.

Remember that in propagating this young stock you are laying the foundation of your next season's crop, and you cannot be too careful of the stock you select from. Never put in the sand any wood that is in any degree infested with any insect or any disease, and use only good, vigorous wood.

It matters little as to the size of cuttings, if they are carefully made. I prefer for Maids, Brides, Perles, Kaiserins, Meteors, etc., a cutting with three eyes long (if the joints are not too long), with the cut as smooth as a sharp knife, and a drawing motion of the same can make it, with two leaves at the other two eyes, only cutting off the end leaflet. Insert these in the sand to very near the lower leaf, the sand having been previously packed as hard as possible, and after the cuttings have been inserted press the sand as hard as possible about them and water thoroughly.

American Beauties should be made with two eyes, cutting near the lower one from which the leaves have been removed. The upper leaves should be cut one-third. In inserting these a line should be cut in the sand, holding the knife in such a position that the cut will be at an angle of 45 degrees. In this line insert the cuttings with the leaves standing straight up. This method of inserting Beauty cuttings

has been in vogue several years on some of the best places in the east and has proved eminently successful with me.

Always give cuttings a thorough watering as soon as inserted, then syringe lightly each bright day, watching the sand carefully, and give a thorough watering when it is again needed, which will depend upon the weather and other conditions.

The pipes under the propagating bench should be so arranged as to afford a temperature of 68 to 70 degrees in the sand and an overhead temperature of 55 degrees.

Shading must be carefully looked after and this can be readily done by an inexpensive arrangement of cheese cloth near the glass which can be raised or lowered to suit weather conditions. Absolute cleanliness must be observed about the cutting bench or you will surely be troubled with fungus. All leaves that may drop after the cuttings have been in the sand awhile must be picked off the sand, but there will be few or none such if you are cautious in selecting only healthy wood and give proper care. A. O. T.

always raised from seed and now is the time to commence. Don't bother with *C. candidissima*; it is too unreliable.

It is also an excellent time to sow carnations, either your own saving or any other ne plus ultra collections "saved only from the finest varieties."

A good many now depend on raising verbenas from seed because these are free from disease and grow freely. The finest colors can now be depended on from seedlings. Your patrons like to see them in flower so by end of this month sow the seed.

For the great bulk of the so called hardy annuals, stocks, asters, etc., it is two months too early to begin.

Carnations.

It is a most excellent time now to put in your main lot of carnation cuttings. The conditions are just right; cool houses with not enough sun to need much shading, if any, and the cuttings have not been forced to an unnatural growth by artificial heat. Every florist ought to know the best kind of cuttings; neither the stout, stubby growth of the bottom nor the weak offshoot near the flower should be propagated for yourself. Neither do all varieties give you the same quantity or quality of cuttings, but with all varieties you can get some cuttings; near the base of the flowering stem you will get the ideal cuttings, and by the time the flower is developed the side growth will be stout and strong. Those who propagate hundreds of thousands of plants from a few thousand cannot of course be so particular, and sometimes you see all parts of the plants are distributed, not forgetting sections of the stems and the rust.

Some professor very recently made the statement that dipping the cuttings in any copper solution, either when they went in the sand or when they come out, was not advisable. I have forgotten the exact words but he frowned on the practice. With due respect for his research I shall continue to do it and believe it has helped us wonderfully in ridding our stock of the rust; and I am positive it does not do the young cuttings or plants the slightest harm. A dip for a moment in the ammoniacal solution costs neither time nor money and is a thorough bath, which spraying is not.

Twenty years ago carnations were invariably put in the ordinary cutting bed where the sand was about 65 to 70 degrees and the air 50 to 55 degrees and we grew fine plants of carnations in those days; but bottom heat is no longer favored. It is not a necessity; carnations will root without it, but if I grew carnation cuttings for sale my idea of a propagating bed would be where the sand was 60 degrees and the atmosphere was 50 degrees; that little bottom heat will save ten days in the time of rooting, and it would be absurd to say that the plant was enervated with that start.

Geraniums.

Our largest job just at present is

MISCELLANEOUS SEASONABLE HINTS.

Cannas.

The popularity of the canna is by no means on the wane or likely to be. You should look over your dormant roots and see that they are keeping alright, plump and green but not growing. Under a rose or carnation bench is the place if you have no special root house, but if there is much drip from the bench it will rot the tubers and if they are on damp ground they will start to grow, so both of these conditions should be avoided.

If you wish to sow seed of cannas do so at once. You can buy seed of most of the fine varieties and they come largely true from seed. Soak the seed in hot water for 24 hours and then slice off a small piece of the hard covering of the seed and sow in 2 inches of sand in a strong bottom heat. We usually place an inch of soil in the bottom of the flat and then one inch of sand and put the seeds into the sand half or three-quarters of an inch and keep moist, placing the flats on some hot water pipes. Your customers won't have cannas unless they are good, strong plants and it takes all their time from now till end of May to produce a plant from the seed. There is usually a scarcity of good yellow, so sow plenty of the Florence Vaughan type.

Lobelias.

Lobelias are best raised from cuttings from plants lifted in the fall, but where that has not been thought of and you depend on seed you should sow as early as possible. It takes a long time to make plants large enough for our baskets and vases. As a bedding plant the lobelia is no good to us; its flowers disappear in July and

August and leave cast iron green where the beautiful blue is looked for.

Smilax.

We have done this year what we ought not to have done, and left undone those things which we ought to have done, and the offense is more grievous because we know better and preach to the contrary. We left in a bed of smilax last year instead of re-planting in July. It looked tempting to leave it in but it's a big mistake and we get no such strings as from a young bed. The profit of the bed depends on the quality and number of strings you cut in a season, and early in July a strong plant from a 3-inch pot should be planted, and to obtain that strong rooted plant which makes a salable string from the first growth, seed should be sown very soon.

Seeds.

A few other seeds that should be sown now are gloxinia, if you wish to raise your own bulbs; pansies, if you don't have enough in the frames. Pansies sown now and grown along light and cool make excellent bedding material.

You never can be wrong in sowing plenty of *Asparagus plumosus* and *Sprengeri*. *Plumosus* has made the finest of plants for the fern dishes, outlasting any of the ferns, and there is a great demand for small plants in 3 and 4-inch pots because the public is aware of its being such a grand house plant, withstanding the gas, heat and gossip of the worst regulated families.

Centaurea gymnocarpa is little used as a bedding plant now but it has its uses and is free and hardy. They are

shifting geraniums from 2 to 3-inch pots, in which they will remain till first of April. You can grow geraniums cheaper but we get a good price for them and our people expect a fine plant in a 4-inch pot with one or two blooms by bedding time, end of May. We don't pinch the geraniums now because by the middle of February most all of them will give us their top three inches for a cutting. We have seen lots of geraniums grown in other cities and our people would not accept them at any price, but doubtless there are many good ones grown.

To produce a short, stout growth and freedom of flower a geranium wants a rather heavy soil, only moderately manured and firmly potted. The latter is important. A light house, plenty of ventilation and a night temperature of 45 to 50 degrees according to how fast you want them to grow.

The bronze, tricolor and silver leaf sections, which are grown exclusively for their foliage, want more manure, a lighter soil and 5 to 10 degrees more heat.

The ivy leaf section is now a very important one with us, not only for use in vases and baskets but thousands selling singly. If you have any hanging shelves there is no plant more suited to them than the ivy geranium. The variety that was sent out a few

temperature must I keep my Easter lilies? Some are just starting, some are 6 inches and some 12 inches above the 5 and 6-inch pots. All are left in a temperature of 40 to 50 degrees."

Presumably this gentleman's Easter lilies are meant for Easter and what he wants to know is how to bring them in all in good shape for that important time. There is a wide difference between 40 and 50 degrees; perhaps he means that they are all in one house where the temperature varies between 40 and 50 degrees.

If you have several houses where you can keep the temperature from 45 to 65 or 70 degrees, you might be able to bring in most of the lilies at the desired time; without these facilities you can only favor those that you think are best adapted for flowering at Easter. Those only just starting should not have more than a night temperature of 50 degrees, and it would be hard work getting them in flower by Easter, however much of an oven you had, while those a foot high should come along very well in about 50 degrees. The last four or five weeks it would be easier to keep a higher temperature, which will suit them better.

As has been often remarked in these columns, and as was remarked to the writer by that shrewd, observant and clever man, Mr. W. K. Har-

flowers. But I did not do that by writing or talking; I did it by hard work, and many of the plants were moved 20 times in the last two months.

WM. SCOTT.

MY FIRST YEAR'S EXPERIENCE IN HYBRIDIZING CARNATIONS.

By JACOB SCHULZ.

[Read before the Kentucky Society of Florists, at Louisville.]

You must not expect me to tell you in this paper anything new in the art of hybridizing this grand flower, the carnation. The trade papers have so often published articles on this subject that anything I say will only be repeating an old story. If you intend hybridizing carnations, you must not expect to make a fortune from your seedlings, for there are only a few who are fortunate enough to get a Lawson among their seedlings. There will be hardly any financial returns, but the pleasure derived in watching "The Babies," as you will soon call the seedlings, as they develop and bloom, will amply repay you for your trouble.

The first thing necessary in hybridizing carnations is the selection of parents, and here you must use your best judgment. I always try to select two parents that combine freedom of bloom, good stem and growth,



Fleischmann's store and delivery wagons.
NEW YORK STORES AT CHRISTMAS.

years ago, "Pere Crozy," is a jewel. It is a distinct cross between the ivy leaf and the zonal, and partakes of both types. It is covered with its bright red flowers just when you need them, and last spring sold at sight.

I cannot once more speak too highly of the beautiful semi-double pink zonal "Frances Perkins." It has completely sent the old Emile de Gerardin, Mme. Thibaut and the rest of the pinks to Sheol, which in Greek was a dump pile but in translation got tangled up with a place where they fry and frizzle for everlasting, a sort of natural gas furnace.

WM. SCOTT.

EASTER LILIES.

A subscriber asks for information about his lilies and says: "At what

ris, of Philadelphia, as we walked up Cocanut street, or some other nutty street of that beautiful city, "the Easter lily is not so profitable a plant as it appears, for there is a great amount of labor entailed if you are going to get a large percentage in flower just when you want them."

And any long distance instruction is useless. It is easy to grow a good lily; most any one can do that, but to get 95 per cent in the right condition about the Thursday before Easter requires gardening genius highly developed and actively exercised.

Without boasting, with the closest personal attention, some eight or nine years ago I succeeded in bringing in about 1,200, and there were not 20 plants that had not one or more open

good color, and large size. I select the flower which is to be the seed bearer, or mother, first, and I always see that the flower is as near a perfect specimen of the variety I select as possible. I cut away the petals from around the pistils, leaving them exposed until they are ready to receive the pollen, which will take several days. You can tell when the pistils are ready to receive the pollen by their turning downward and outward. When this happens you must select the pollen parent, or father. If I have selected a mother that has some defect, I try to get a pollen parent that is without this defect, or if the color is not as good as I think it should be, I select a pollen parent that has the color I desire. Even with

this careful selection you must not expect to get what you want, for often the opposite color or growth is the result.

The best time to put the pollen on is early in the day. I hybridize altogether by hand; going to the pollen plant, I carefully cut out the stamens containing the pollen and carry it to the variety I have selected to cross, and there I carefully brush the pollen against the pistils. As soon as I select the mother plant, I put a tag to the flower, and on this the name of the seed parent, and as soon as I fertilize the pistils I put the name of the pollen parent under the other name, and the date they were crossed. Tagging must be done carefully if we want to know the parents of our seedlings.

In a few days after fertilizing the pistils you will notice the seed pod beginning to form, and in seven or eight weeks this will have ripened, and then you take it off and sow it at once, always being careful to get the right label on the pot. In three or four weeks the seedlings will appear, and then they must be handled very carefully, for they damp off very easily and the snails are very fond of the young plants. When they are large enough I transplant into flats or thumb pots, and then handle them as I would young carnations, only that after I plant them in the field I do not cut them back, for it is desirable to have them bloom in the field, as this will save the trouble of housing a few hundred absolutely worthless varieties. I like to cross my varieties as early as possible, so that I can have the young seedlings ready early in the spring to plant out doors.

As soon as the plants begin to form buds the seedling grower will become anxious, and he can hardly keep himself from breaking open the calyx of some of the most promising appearing buds, so as to see what color they are. Many times have I been disappointed, for the most promising buds have the ugliest colors.

Those seedlings that I think worthy of another trial I label by numbers, putting this number in a book kept for that purpose and beside the number I put the parent variety's name and a brief description of its color and any other distinguishing feature. From the labeled varieties I take cuttings, always being very careful about the labels. These cuttings I handle the same as those of old varieties of carnations.

I believe all seedlings should be tried three years before the grower makes any claim of superiority over existing varieties, and as I have only tried my seedlings for one year, I cannot brag on any of my varieties. As every father thinks his children the best, it is the same with seedling growers, and I have two varieties, one a white and one a red, which, if they prove to be good growers and free bloomers and always have the same flowers as the first was, I believe that I, too, will have a "world beater."

AMERICAN CARNATION SOCIETY.

The program and schedule of premiums for the 9th annual meeting of the above society has been issued. The meeting and exhibition is to be held in Morgan Hall, Buffalo, N. Y., Feb. 15th and 16th next.

An attractive program for the meeting has been arranged, and the exhibition will be on a larger scale than ever before. In addition to the awards for new varieties, and these include many valuable specials, there is a generous list of cash prizes for well grown blooms of standard sorts. In Class A first prizes of \$12.00 and second prizes of \$6.00 each are offered for vases of 100 blooms in white, light pink, dark pink, scarlet, crimson, yellow variegated, white variegated, and any other color. In Class B prizes of \$6.00 and \$3.00 are offered for vases of 50 blooms in similar divisions of color. In class C introductions of 1899 are called for and 25 blooms each are named with prizes of \$3.00 and \$1.50.

The Lawson gold medal, valued at \$60.00, will be awarded for the best 100 blooms, any variety and any color.

Copies of the program and schedule may be had by addressing Albert M. Herr, Sec'y, Lancaster, Pa.

Registration.

Mr. James Allen, gardener to A. C. Lambert, Paterson, N. J., registers—"Belle Vista," a cross between Scott and Daybreak, in color, a light pink, petals large and broad, a clean, strong grower; habit and growth resembles Scott, and it is a very free bloomer.

J. E. Sibley, registered by Philip Hellig, should be J. C. Sibley.

THE FAKIR AND OTHERS.

My dear friend Charley's Uncle: I read your kind remarks in the Florists' Review and meant to have long ago sent in some comments on them. I note your general dislike for the (Greek) fakir. One would know that you have never done business in a city like Chicago, where there are a million or more flowers to be sold each day. As I have said in my notes, you could not run a commission business here without the fakirs.

As a matter of fact there should be a time set for that class of trade known as the street men, but the Greek with the corner stand often handles better flowers than a great many retail florists and pays more for them. As a commission man, I for one must say that we only represent the stock, and it cuts no ice with us who buys it so long as he pays the price, and I will repeat that I have often seen stock sold to fakirs at 10 to 20 per cent more than a florist was willing to pay for the same grade, and the florist could use but a hundred or two, while there was more than that many thousands to be disposed of.

Have you ever seen a buyer in the

retail trade that was not always complaining about the price? If so, you have seen more than I, and I have been in the commission business a few days at that.

You were right in regard to the grading of stock and the proof of it is that you see those that do grade have big places and live up-to-date, whereas those that don't grade have a struggle to get along.

In regard to our line not being in the commercial world, I will again have to differ with you. The fakir again. He sells cheap flowers, nevertheless he makes flower lovers. The cheap florist sells the medium class, and he makes lovers of flowers. The aristocratic florist (as you call him) sells the swell trade, and he makes flower buyers. Now with that you have made the flower a thing of value to the people, and anything of value is commercial.

CHARLEY'S AUNT.

CHRYSANTHEMUM TIMOTHY EATON.

The wonderful white chrysanthemum illustrated herewith is called "Timothy Eaton." A dozen flowers were sent to me about December the first. The same flowers had been at two exhibitions and had been packed and unpacked several times and had been cut fourteen days. With the exception of a slight discoloring of the bottom petals they were perfect and were the largest, finest and heaviest chrysanthemum flowers I have ever seen. After arrival in our city they were in good order for another week. So much for their keeping qualities, which I should think are hardly equaled in any variety.

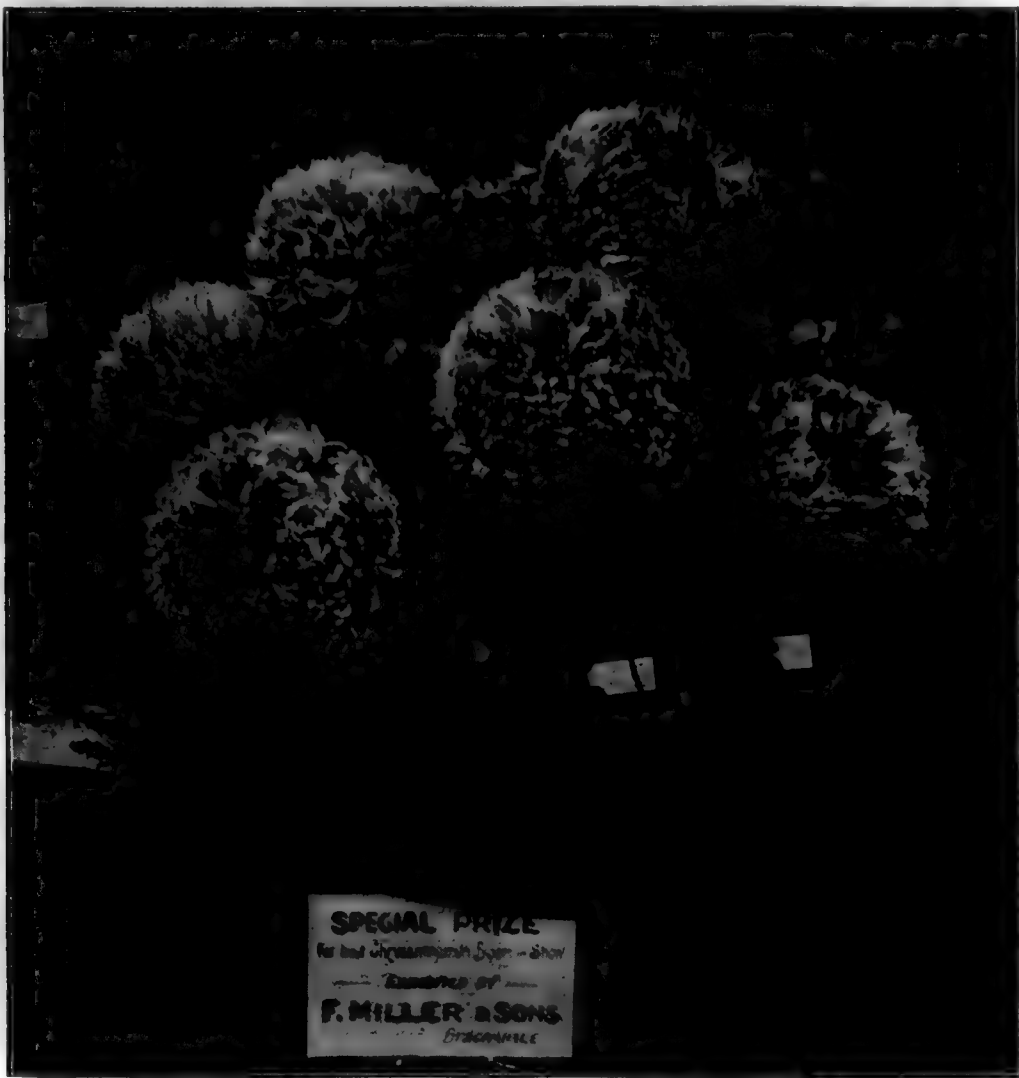
The foliage is fine, something like Jerome Jones, and close up to the flower. The stem is the stoutest I have ever seen, and as the photograph will show as stiff as the proverbial poker. In fact in leaf, stem, substance and keeping qualities I am not aware of its equal.

The flowers were of uniform size, but the average of several measured was 21 inches over from stem to stem and 23 inches in circumference; but these measurements give you little idea of its immense size and substance; by the side of fairly good Niveus and Jones they made the latter look like carnations.

The picture will show better than I can describe the style of flower. It is full, but not crowded; no vestige of an eye but a round, deep, beautifully symmetrical flower, and pure white.

Timothy Eaton took the first prize at Toronto for best six white, a special as the best blooms in the show, a silver cup for merit and a first class certificate, and it would, I feel sure, have done all this at any show on the continent.

In justice to Mr. Miller, Sr., I must repeat what he told me about their culture, which was that these wonderful flowers were cut from plants



Chrysanthemum Timothy Eaton.

that were put on the bench the second week in July in five inches of garden soil, without a particle of animal or artificial manure.

They were grown and exhibited by E. Miller & Sons, Bracondale, Toronto, Ont., who own the stock and who have, I venture to say, the greatest white chrysanthemum ever raised.

WM. SCOTT.

AMONG CHICAGO GROWERS.

Bassett & Washburn.

The great range of glass at Hinsdale is always interesting and among the most attractive features are the two immense carnation houses, one 54x600 and the other 30x600. They are literally carnation fields under glass, and a view down that 600 feet of bloom and foliage is one to be remembered.

Crane and America show up prominently among the reds and both are very satisfactory. Mr. Bassett likes the color of Crane a little the best and things he gets a few more flowers than from America, but the difference is slight. Both are more profitable than Jubilee and that variety will be dropped from the list after this year. Mr. Washburn thinks that America takes in the market a trifle better than Crane. But the differences are all debatable and there is no question but what both are very desirable kinds.

In color Crane is almost exactly the same shade as Jubilee. America is a trifle lighter.

White Cloud and Flora Hill are both much in evidence. White Cloud has rather a better flower and stem than Hill, but it is more of a cropper and produces a few less flowers during a season. Last year they had a good deal of trouble with Hill, losing fully 10 per cent. of the plants from stem rot after they were housed, not to mention losses in the field, but this year the variety is almost entirely free from disease. Both sorts are highly regarded here.

Mrs. Bradt is still the leader in fancy sorts and is a very steady producer, though Mr. Bassett holds that the flowers must bring 25 per cent. more than others in order to be profitable.

Red Bradt produces as freely as the type, with same size, stem and habit. It is undoubtedly the largest red carnation we have, and must bring the same price as Bradt to be profitable. In the bench devoted to this sort there were very few reversions to the type, and even if more numerous there would be no waste, as the type is of equal value.

They still value Mary Wood highly as a white. It is not quite so profitable as White Cloud and Flora Hill, but possesses good qualities that make it very desirable. They have a white seedling the flowers of which are enor-

mous in size. The form is not the very best when closely examined, but the general effect is good and the size is such as to at once attract attention, and it produces well and steadily.

Gold Nugget is their best yellow, but Mr. Bassett says it should bring double the price of others in order to be profitable. Pingree has been dropped. Mr. Bassett says the flowers should bring 25 cents each to make the variety a paying one.

Leslie Paul, the pink California variety, has made a favorable impression here and it is thought will be useful. It does not bloom freely early in the season, but comes later and is a magnificent flower.

Painted Lady has been an enormous producer here, but in midwinter the blooms burst badly. From Jan. 1 till along in April hardly one perfect flower is secured, though some are as large as paeonies. Nevertheless the variety has paid well.

Frances Joost produces very freely here, but not so freely as White Cloud or Hill. It is considered a good profitable pink sort, though there has been some complaint that the flowers slumber early.

They like the color of Cerise Queen, but have not been successful in getting a good stem.

Triumph has done splendidly this season. When producing during fall and December it was the freest of any they had. It is off crop now, but they expect a big cut again in early spring. It is of no value in summer.

Armazindy is no good with them. It doesn't produce and buyers don't seem to want the flowers when they get them.

Psyche produces lots of flowers, but they are small and nobody wants them. By the way, we recall a grower who labeled this variety "Physic" and said, "I am going to 'throw Physic to the dogs.'"

Scott, Daybreak and McBurney will also be dropped from the list here.

Mr. Bassett believes in early propagation of carnations and starts propagating the latter part of November, keeping it up steadily thereafter. When rooted the cuttings are planted out about three inches apart in benches of soil where they grow on into very fair sized plants by planting out time. More than half of these will have been pinched back once while in the bench.

He plants out in the field as early as possible and likes to bench inside again early in July if possible and not later than August. The idea is to get the full value of two months' good spring growing weather outside and to have inside (where they will be under better control) during the mid-summer months. The field culture in spring gives a vigor and substance that cannot be had under glass at the same period, and the glass is valuable for other purposes, too. By planting in as early as July he believes he gets the advantages of both the outdoor and indoor systems and has the plants even better established by fall.

In passing through the houses we noted an immense number of carnation cuttings in extra fine condition, and benches of cuttings already in soil were the picture of health and vigor. "You must have the best possible foundation to build on" says Mr. Bassett, and we heartily agree with him.

He does not consider the carnation any more profitable than the rose and the bulk of the glass is still devoted to the Queen of Flowers. House after house of Beauties, Brides, Maids, Meteors, etc., are a feast for appreciative eyes.

Harrisii and longiflorum lilies were not so good as usual. One big batch they bought for Harrisii was largely mixed with longiflorum and results were very uneven, and there was more disease than they have had heretofore. A later batch of Harrisii that was all true to name is much better.

A house of Asparagus plumosus was looking finely and has paid well. A bench of Sprengeri is built in divisions with openings for the sprays to droop in, but the boxes are lengthwise of the bench instead of across. There are three boxes each 15 inches wide and with a space of 9 inches between on a 6-foot bench.

als in the city were of material assistance to the market in this respect of late. Prices have been somewhat easier, but there are indications of a slight stiffening. The supply will no doubt shorten still further if the dark, rainy weather of Tuesday continues. On that day local trade was fair until the rain came, but after that the local trade seemed to have crawled into a hole and pulled the hole in after itself.

Archie Spencer, manager for Peter Reinberg, is showing some extra grade stock with pardonable pride. The Meteors are of the very highest grade and the Brides and Maids would be hard to match. His Beauties are also showing marked improvement, though the cut is still short.

E. C. Amling is gradually getting settled in his new place and is providing ample ice-box room for some of those extra specials that bring fancy prices.

Kennicott Bros. Co. have a letter from Ernst Asmus expressing satisfaction with the returns from their sales of his valley and saying that they average better than the returns he has had in the New York market. Mr. Pleser says there has been a good

in the evening, so it may be seen by the suburban growers who find it difficult to be present at night. The judging will be done by 1 p. m., and the exhibition will then be open for inspection.

Efforts will be made to have every one of the newer carnations on exhibition as well as finely grown blooms of the older sorts. The carnation is right in President Hartshorne's line and he is working with much enthusiasm to make this carnation display an eye-opener. A meeting for discussion of the new varieties and of carnation culture will be held in the evening.

Flowers for display at the exhibition should be addressed to McKellar & Winterson, 47 Wabash ave., Chicago (marked "for exhibition") and should reach the city the morning of Jan. 19. The exhibits will be judged by a committee, consisting of W. N. Rudd, E. Buettner and A. McAdams.

In addition to arranging for the above, two new members were elected. Two seedling carnations from the Chicago Carnation Co. were on exhibition. No. 16, a fine pink, scored 86 points by the American Carnation Society scale. No. 48, a good white, scored 76 points. They are both very promising varieties.

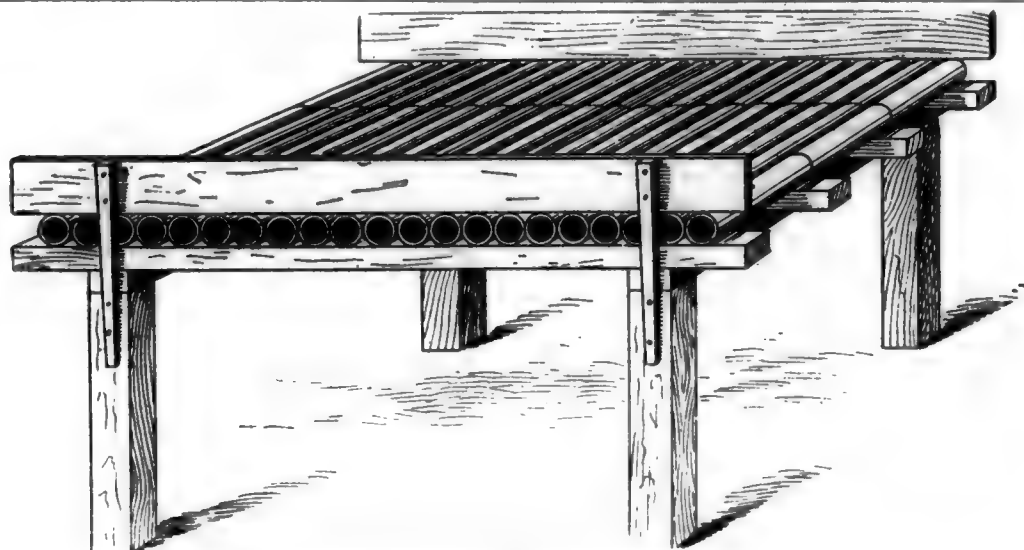
A committee was appointed to revise the by-laws and to submit same to the next meeting for action.

Hort. Society Meeting.

At the annual meeting of the Horticultural Society of Chicago, held at the Sherman House last Tuesday afternoon, President W. H. Chadwick and Vice-Presidents E. G. Uihlein, H. G. Selfridge and E. Wienhoeber were re-elected. Secretary W. C. Egan begged so hard to be allowed to retire that he was reluctantly permitted to do so, and Mr. W. N. Rudd was elected both secretary and treasurer. Mr. Egan was retained in the executive committee by election, and P. J. Hauswirth and Edgar Sanders were re-elected members of the committee. Frank Lowden and John J. Mitchell were added to the board of directors, Messrs. Walsh and Schneider retiring.

The report of Treasurer Rudd showed that the expenses of the last exhibition amounted to \$8,722.65; that the total receipts fell short of it by \$1,043.84, leaving this amount to be covered by dues of members, etc. Nevertheless, the society still has total cash resources of \$818.46, and was not obliged to call upon the guarantee fund in connection with the last show. The total box office receipts were \$4,637. Premiums donated footed up to \$2,491.26, and there was income from other sources.

Mr. Edgar Sanders reported the result of the efforts of the Florists' Club to insure a greater number of exhibitors at subsequent exhibitions, and the names of those who had pledged themselves to exhibit at the next show were received with much satisfaction. A resolution authorizing the exe-



Tile Bottomed Bench at Bassett & Washburn's.

The tile bench shown in the accompanying engraving is now used throughout the entire establishment and Mr. Bassett would not think of using any other style. Absolutely perfect drainage is assured, the benches are very lasting, and they cost less than 50 per cent. more than board bottom benches. He finds them not only better but considerably cheaper in the long run. Benches that have been up four years are apparently just exactly as good as the day they were erected.

CHICAGO.

The Market.

Trade continues very satisfactory for the season of the year. There seems less demand than last week in general, but the supply is not excessive and there is little surplus except in white at times. Several large funer-

demand for really first class valley, though second grade stuff has suffered at times. It indicates the importance of grading and sorting, for Mr. Asmus doesn't have all first class spikes any more than any one else, though his average may be higher. The writer took note during a visit to Mr. Asmus' place that a number of employes were busy sorting valley, removing imperfect bells, etc., and some of it was several degrees away from gilt edged. But he was wise enough not to let any of it go out as his best.

Carnation Meeting.

At the last meeting of the Florists' Club it was decided to hold the annual carnation meeting and exhibition on Friday, January 19. The large room No. 204 Masonic Temple has been secured for this special occasion and it has been arranged to have the display in position ready for examination during the afternoon as well as

cutive committee to hold the next exhibition was adopted.

An amendment to increase the elective members of the executive committee from six to eight, and making five a quorum, was presented and will be acted upon at the next meeting. By resolution the secretary was allowed the sum of \$150 per annum for clerk hire.

Various Items.

We hear a report that F. Calvert & Son, of Lake Forest, recently lost the contents of a range of houses by the disablement of the heating apparatus.

L. H. Read, Grand Rapids, Wis., passed through the city last week on his way to Alabama.

Geo. M. Garland is meeting with very gratifying success in introducing his iron greenhouse gutter. It interests every one who is tired of rebuilding his greenhouses every once in a while. Those who have already adopted it are very much pleased with it.

Mr. and Mrs. Walter Kreitling will celebrate the fifteenth anniversary of their marriage on Saturday, January 20th, and have issued cards for a party at Kindergarten Hall, 10-12 Van Buren street, in the evening. Walter will conduct the kindergarten in his own inimitable style and every one must have his lesson.

Mr. O. P. Bassett is now settled in his handsome new residence in Hinsdale. It is in the colonial style, and reflects the greatest credit upon the designer, for it is undoubtedly the finest residence in this suburb, noted for its beautiful homes.

Bowling.

After the last club meeting, two games were rolled, and the following scores were the result:

			av.
E. F. Winterson.....	177	190	183
C. P. Hughes.....	124	184	154
A. Henderson.....	131	156	143
G. L. Grant.....	145	135	140
W. Kreitling.....	114	149	131
P. J. Hauswirth.....	136	125	130
Jas. Hartshorne.....	121	116	118
Hemer.....	121	69	95

NEW YORK.

Club Meeting.

A well attended and enthusiastic meeting of the New York Florists' Club was held on Monday evening, Jan. 8. Ex-President Plumb, in taking the chair, spoke very feelingly of the kindness and encouragement he had received from the members during his two years' term of office, and he assured them that he would continue to work with a view of making this the strongest club in the trade. He then in a few happy words introduced the new president of the club, Mr. P. O'Mara; the vice-president, Mr. Arthur Herrington; Treasurer Charles B. Weathered, and Secretary John Young, each of whom responded in ways to excite more interest in

and fidelity to the requisites of floriculture.

Mr. O'Mara then gave an outline of what the policy and workings of the club would be for the eventful year before them. The most important of the committees required to perfect arrangements for the convention of the Society of American Florists and Ornamental Horticulturists had been appointed at a meeting of officers held that afternoon, and he hoped everyone would assist in making this one of the greatest conventions ever held in the interests of the trade.

The club had decided to hold a horticultural show, and 10,000 square feet in the center of the main hall would be offered to private gardeners; there would be 40,000 square feet surrounding this for the trade exhibits. The convention and exhibition will both be held in the Grand Central Palace, and additional space is obtainable if required. The following were appointed to attend to the workings of the club: House and Entertainment Committee—Messrs. F. L. Atkins, John P. Cleary and Wm. Marshall; Committee on Awards—W. I. Brower, A. L. Miller, C. H. Allen, John E. Lager and H. Dailledouze. The committees appointed to arrange for the S. A. F. convention will meet in the club rooms on Monday evening, Jan. 22, for the purpose of organizing and getting the machinery in working order.

Mr. Weathered, on behalf of the annual dinner committee, reported that the club's annual dinner would be held at the St. Denis, Eleventh street and Broadway, at 7 p. m., Jan. 17th; tickets, \$5.00. He urged those present and others desiring to attend to purchase their tickets as soon as possible. A full muster was expected, because the event was not only their annual dinner, but also to be a reception to the executive committee of the S. A. F., which body would meet in this city on the 16th. Flowers in abundance and of the very finest were wanted to decorate the tables on that occasion, and they should be sent to W. F. Sheridan, 39 West Twenty-eighth street, by noon of the 17th. Consignments should be made to the club, care of above, and the flowers named for identification.

Several new members were nominated and elected. Invitations were received and accepted to attend the annual dinner and smoker of the Dutchess County Horticultural Society, and the Morris County Gardeners' and Florists' Club. Treasurer Weathered read his annual financial report, showing the club to be in sound monetary condition; there are 169 members on the books at present.

There were two varieties of new carnations on exhibition at the meeting. One, a light pink, after the color of Melba, called Genevieve Lord, was from H. Weber & Sons, Oakland, Md. It was awarded the club's certificate of merit. The other was also a light pink, named Roslyn, a three-year-old seedling which promises well; this was shown by Chris Besold, Mine-

ola, L. I.; it was awarded honorable mention.

There was quite a lengthy discussion on the system of awards, and the whole matter was referred to the new committee, with the request that they revise or amend the present rules if they find them faulty. Other matters of interest were talked over, and before the meeting adjourned all considered they had a certain amount of the club's work to do and were willing to tackle it.

There's nothing like expecting visitors, and the press is like the window in Thrums.

Bowling.

The bowlers were busy in the afternoon. It was one of the best times they ever had up there. Last week John H. Taylor's bowling with a crutch was the novelty; this time it was the east and west movements of Julius Lang and the low scores of many experts. The crowd was in two teams and excitement ran very high till the last. Following are the scores:

ROSES.

F. L. Atkins.....	144	154	149
L. Hafner.....	187	137	126
A. S. Burns.....	158	124	137
A. Herrington.....	90	111	94
T. Roehrs.....	138	139	171
J. L. Donlan.....	144	172	171
Blind Piper.....	...	...	159
	861	837	1097

COWSLIPS.

F. Traendly.....	156	183	122
T. Lang.....	128	165	163
P. O'Mara.....	118	...	121
S. Butterfield.....	125	104	86
J. Lang.....	88	73	107
J. H. Troy.....	...	128	108
W. H. Siebrecht.....	139	120	151
	754	771	858

ORANGE, N. J.

The New Jersey Floricultural Society had a red letter night January 3. It was the installation of officers and their annual dinner. Both affairs took place in the society's pretty rooms, 240 Main street, Orange. Malcolm McRorie acted as master of ceremonies at the installation, and the introductions and responses were sufficient to inspire the utmost enthusiasm. With Peter Duff as president; Joseph B. Davis, vice-president; George Smith, secretary, and Malcolm McRorie, treasurer, it is safe to say the society will be heard from to the benefit of horticulture.

The secretary reported 116 members in good standing, and the treasurer that several hundred dollars were in the bank. The several working committees were appointed and the meeting adjourned to partake of the dinner.

The table was prettily decorated with flowers donated by Messrs. Smith, Von Qualen, Rose, and May. The latter contributed a vase of his new carnation, Olympia, which was very much admired. Some half hundred members and friends were seated at the tables, and the menu, which was exceedingly good and plentiful, be-

New Year. — 1900 — New Ideas.

We have large lines of

NEW PLANT STANDS and PEDESTALS, POT COVERS, FERNERIES, AMERICAN BEAUTY VASES in all sizes, VIOLET and WHITE LACE HANDKERCHIEFS, Tinsel Cords, Violet Silk Cords and Tassels, our FAMOUS Wheat Sheaves, Baskets, Plateau, Cycas Leaves -- Glazed and Dull Finish, etc., and everything that is needed in the FLORIST SUPPLY LINE. Send us your orders we will take care of them.

M. Rice & Co., Importers and Manufacturers, 918 Filbert Street, PHILADELPHIA, PA.

Mention The Review when you write.

ing duly attended to, the machinery of oratory and music was started by President Duff, who in a few happy words welcomed the guests and hoped they would enjoy themselves. Messrs. Taylor and Bennett rendered solos on the cornet and violin, and then came the toasts. Dr. Ward, for the "State Horticulturists"; W. J. Stewart, "The Society of American Florists"; William Duckham, "The Private Gardener"; J. N. May, "The Commercial Florists"; J. B. Davis, "The Ladies"; G. Bird, "Old Time Florists"; J. W. Withers, "The Horticultural Press"; Dr. Kitchen, "Horticulture," etc., etc. Geo. Smith sang "The Tinker's Wedding" as only George can, and S. Butterfield, who is becoming quite a singer, sang "She Wore a Wreath of Roses."

It was altogether a most enjoyable affair, a reunion of old-timers; here and there were groups of men who had endured many hardships and enjoyed the sunrises of prosperity together in this and other countries; some who had wandered from other professions to, in many cases, the Hy-Brasilic one of floriculture, and the old and the young student who are forever learning from each other. Yes, it was a party where one could hear and learn much, whether from jovial John Hayes or Joseph Cypridium Manda, Dan McRorie, or the doctors and professors that abounded there; they were all worth catching.

The newspaper men had to leave on the last train, and consequently lost much of the fun, but they carried with them a pleasant memory. There was a full muster of the press there: S. Butterfield, of the Florists' Exchange; W. J. Stewart, American Florist; J. I. Donlan, Florists' Review; and J. W. Withers, American Gardening. They, with Commissioner Julius Lang, went up from New York on invitation of the society. D.

AMITE, LA.—Chas. Corthell, who was arrested in Hammond on a charge of arson and who subsequently cut his throat with suicidal intent, claims to be a florist and that he came from Illinois about six years ago. He gives his age as 46 years, and vigorously denies the charge against him.

GREEN-HOUSE CONSTRUCTION.

This has been a specialty with us for many years and to us is due the credit for many of the great improvements that have been made in the construction of wooden green-houses. To those that buy our

Clear Cypress Building Material

we furnish, free of cost, complete detail drawings from which any intelligent workman can put up the material correctly. We have plenty of time to write letters ABOUT OUR BUSINESS, and we will be glad to hear from those contemplating building.

Write for Circulars
or Estimates.

LOCKLAND LUMBER Co.

LOCKLAND, OHIO.

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Burpee's Seeds Grow

PANSIES... WORTH RAISING

Good Plants by express, \$2.50 per 500;
\$4.00 per 1000. Seed as usual.

C. SOLTAU & CO., 199 Grant Avenue, JERSEY CITY, N. J.

Mention The Review when you write.

Cabbage Plants, Jersey Wakefield and other varieties, from cold frame transplanted, 25c per 100; \$1.50 per 1000; \$12.50 per 10,000, if by mail, add 20c per 100.

LETTUCE, Boston Market, Tennis Ball, Curled Simpson, Grand Rapids and other varieties, 15c per 100; \$1.00 per 1000; \$8.50 per 10,000, if by mail, add 10c per 100.

Other Vegetable plants in season. Cash with order.

R. VINCENT, Jr. & SON, White Marsh, Md.

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Always Mention the....

Florists' Review

When Writing Advertisers.

300,000 VERBENAS....

60 finest named varieties, including our new mammoth white, Mrs. McKinley, the finest white Verbena grown.

PERFECTLY HEALTHY. FREE FROM RUST.

Rooted Cuttings 60c per 100, \$5.00 per 1000.

Plants \$2.50 per 100, \$20.00 per 1000.

Our list is the choice from millions of seedlings.

Send for list. **J. L. DILLON, Bloomsburg, Pa.**

Mention The Review when you write.

Edmund M. Wood & Co.
NATICK, MASS.

Sole control of

...LIBERTY ROSE...

for New England States.

Mention The Review when you write.

EVERY FLORIST OUGHT TO INSURE HIS GLASS AGAINST **HAIL**

FOR PARTICULARS ADDRESS

JOHN G. ESLER, Sec'y, SADDLE RIVER, N. J.

Bassett & Washburn,

76 and 78 Wabash Ave., CHICAGO, ILL.

Rooted Carnation Cuttings.

Our Carnation Cuttings will be made from selected stock and will be guaranteed free from disease, and first-class in every particular. Prices are as low as good stock can be produced for.

CARNATIONS

WHITE.		
	Per 100	Per 1000
Flora Hill.....	\$2 00	\$15 00
Mary Wood.....	2 50	20 00
White Cloud.....	2 50	20 00

PINK.		
	Per 100	Per 1000
Triumph.....	2 50	20 00
Frances Joost.....	2 50	20 00
William Scott.....	1 50	12 00
Daybreak.....	1 50	12 00

DEEP PINK.		
	Per 100	Per 1000
Leslie Paul.....	\$5 00	\$45 00
Corine Queen.....	2 50	20 00
Painted Lady.....	2 50	20 00

STRIPED WHITE WITH RED.		
	Per 100	Per 1000
Mrs Bradt.....	5 00	40 00
Psyche.....	1 50	12 00
Armasindy.....	1 50	12 00

YELLOW.		
	Per 100	Per 1000
Gold Nugget.....	\$2 50	\$20 00

RED.		
	Per 100	Per 1000
Red Mrs. Bradt.....	10 00	75 00
Jubilee.....	2 00	15 00
America.....	5 00	45 00
G. H. Crane.....	5 00	45 00

MAROON.		
	Per 100	Per 1000
Empress.....	2 50	20 00

OLYMPIA.

The Introducer says it is the Finest of all New Carnations for 1900.

Admiral Dewey's Flag-Ship, the Olympia, is the most popular boat afloat, and this grand flower, its namesake, will certainly be the most popular variety ever introduced.

PRICES: Per doz., \$2.00; per 100, \$12.00; per 1000, \$100.00
25 at 100 rates. 250 at 1000 rates.

Grand New Pink Carnation.....

THE MARQUIS.

Originated by L. E. MARQUISE, Syracuse, New York.

Has received Five First-Class Certificates, including that of the American Carnation Society, and the Silver Cup at Philadelphia for best Pink, also Silver Medal of the Massachusetts Horticultural Society at Boston. It is, without doubt, the finest Pink Carnation ever introduced, and has been so pronounced by experts.

Strong Rooted Cuttings, March to April, 1900.

PRICES.....Per 100, \$10.00; per 1000, \$75 00.

MRS. THOS. W. LAWSON

The \$30,000 Queen of Carnations for Spring Delivery, Commencing February 1st, 1900.

PRICES:

Per dozen	\$ 3.00
Per 100	14.00
Per 1000	120.00
Per 5000	500.00
Per 10,000.....	800.00

ETHEL CROCKER.

The Introducer Says it is Absolutely the Best Pink Carnation Ever Offered to the trade.

With ordinary culture they will average three to three and one-half inches in diameter, are well formed with extra heavy petals—coming nearer attaining exhibition and commercial perfection in one and the same flower than any other known variety.

PRICES:

Per 25, \$2.50; per 100, \$10.00; per 250, \$18.75; per 1000, \$75.00

Rooted Rose Cuttings.

Get new blood in your Roses and secure what you want from grafted stock. Our Cuttings this year are made from grafted plants and none but the best wood will be used.

Our prices the same as others. BRIDES, BRIDESMAIDS, METEORS, \$1.50 per 100.

THE GRAND NEW ROSE LIBERTY!

WON HIGHEST HONORS WHEREVER SHOWN.

THE FINEST CRIMSON FORCING ROSE OF THE CENTURY.

Most nearly approached by Meteor in color, but far surpassing that standard variety in brilliancy and purity of color, as well as in size and freedom of bloom, never showing any deformed, black or bull heads, either in winter or summer. A remarkable keeper, when cut keeping its brilliancy of color without turning blue or dropping its petals, as is the case with Gen. Jacqueminot, which it somewhat resembles in size and fragrance.

PRICES ARE AS FOLLOWS FOR ALL STOCK:

Own Rooted Stock in 2½-in. Pots		Grafted Plants in 2½-in. Pots	
12 plants.....	60c each	12 plants.....	75c each
25 ".....	50c "	25 ".....	60c "
50 ".....	30c "	50 ".....	50c "
100 ".....	25c "	100 ".....	40c "
1000 ".....	20c "	1000 ".....	35c "

BASSETT & WASHBURN, 76-78 Wabash Ave., Chicago, Ill.

ST. LOUIS.

Trade Conditions.

Business the past week has been very quiet and the prices on stock considerably lower. Receipts of flowers of all kinds have been heavy. The weather has been fine and warm, and should it keep up, all kinds of flowers will be a glut and prices low.

The commission men are complaining of having too much stuff left over and that even the usual shipping trade was lost sight of the past week. The roses that are coming in now are much better than those for the holidays, and no doubt will be from now on. First choice Meteors, Brides, and Maids are sold at \$5 and \$8; seconds, \$3 and \$4. Beauties are coming better and quite a good shipment of them came in, and some of them went to waste; the choice ones sold well and at fair prices.

Carnations are very plentiful and are selling slowly and at very low prices. Good long fancy Jubilee, Scott, Daybreak, and Flora Hill bring \$3; others sell all the way from \$1 to \$2 and \$8 in 1,000 lots. Violets have been picked very closely the past week and consequently the supply was a little short; still, enough came in to supply the demand; \$1 per 100 for Californias; small singles are down to 25 cents. A few Harrisii are in and bring \$15. Callas, \$10, and plenty of them. Smilax and asparagus are plentiful, but the demand light.

Notes.

Richard Frow, the Natural Bridge Road florist, met with a very serious accident a few weeks ago. He was thrown from a street car. Dick, as he is called by his friends, is getting along nicely, but it will take a week or two before he will be out.

Visitors in town the past week were: Mrs. W. J. Vesey, Fort Wayne, Ind., and Arnold Ringier, of Chicago, who passed through here on a flying trip to Little Rock, Ark. Mr. E. W. Guy, of Belleville, also spent a day with us.

Frank Buckshadt, formerly in business here, is now with Ellison & Teson at their West End store.

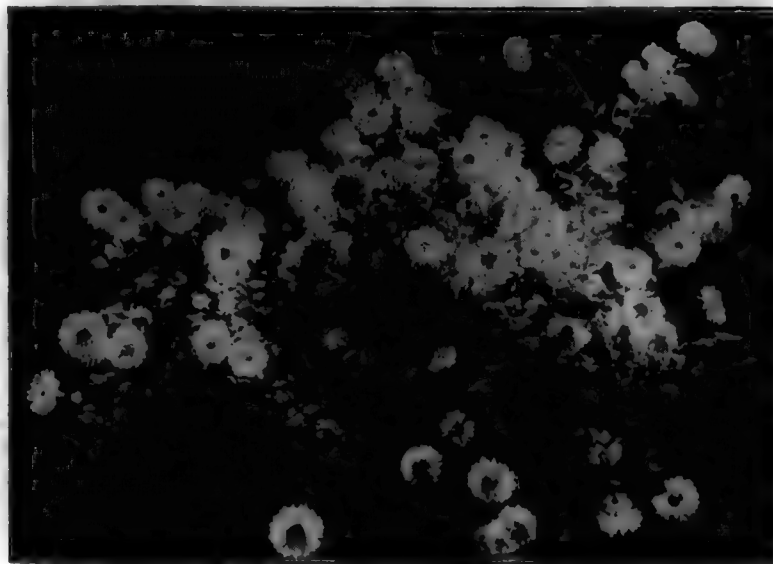
Joe North, at 915 Olive street, reports plenty of funeral work, but other orders are slow. Holiday trade good; better than ever before.

Charlie Kuehn, who a few weeks ago had the misfortune to drop one of the largest bowling balls on his foot, has recovered and will be able to bowl again on Monday night. He says he will leave his crutches at home.

Chas. Schoenle, on Washington avenue, had several large decorations the past week and a few more in sight for this month. Orders for other kind of work slow. Holiday business was the best in years.

Mrs. Pepper, on Easton avenue, and Grimm & Gorly, on Cass avenue, also report good business for the holidays, but since that time the trade has been rather slow.

Chrysanthemum "Little Chris"



Bloomed with us continuously from March until January.

Plant dwarf, flowers small, white.

Valuable as a pot plant, for funeral work or cut sprays.

Sold well at Easter and Decoration Day.

Cut back plants, with young growth from bottom, from 4 and 5-inch pots, 25c and 35c each; four and three for \$1.00. Plants from 2-inch pots later.

W. T. BELL & SONS

FRANKLIN, PA.

Mention The Review when you write.

The St. Louis Florists' Bowling Club started the New Year by rolling three games on Monday night. C. C. Sanders made the first strike, Carl Beyer the first spare, and Frank Fillmore the first poodle. The rolling was not as good as it should have been, but as we intend to roll every Monday night from now on, an improvement may be looked for. The scores were as follows.

	1st.	2d.	3d.	To.	Av.
C. A. Kuehn.....	198	166	142	506	169
J. W. Kunz	145	156	145	446	149
C. Beyer	115	169	131	415	138
F. C. Weber	141	128	142	411	137
J. J. Beneke	128	135	148	411	137
C. C. Sanders	130	114	160	404	135
Emil Schray	125	129	119	373	124
John Young .....	...	110	134	244	122
F. J. Fillmore.....	96	107	106	309	103
J. J. B.					

BOSTON.

The situation here is not worth talking about. Trade surely never was so quiet at this time of year, consequently all our predictions for a good winter are flat so far. There is no such thing as a market price for anything this morning (Jan. 8), and hardly has been for a week. The difficulty is not so much an oversupply as an under-demand.

The snow storm of my last chapter proved a dainty affair of six or eight inches, which has largely been removed by sunny weather since.

Minor changes in the retail establishments of the city are in vogue. Mr. Phon, on Boylston street, closing his doors; the Calder Floral Co. moving a few numbers on the same street; and Mrs. Rogers giving up her old stand under the Adams House, on Washington street, and looking for a new location elsewhere.

Better keep your eye on A. Roper's new carnation, built on improved Daybreak lines. B. T.

IF YOU HAVE any surplus stock offer it in the Classified Plant Advs. in The Review.

ESTABLISHED 1802

THORBURN'S SEEDS

Our Wholesale Price List of

Choice Flower Seeds for Florists

is now ready. A post-card will bring it to you.

We have still on hand some of our LILY OF THE VALLEY PIPS, The Finest that come to this Country. Per 1000, \$10.00. Cases of 3000 at \$9.00 per 1000

J. M. THORBURN & CO.

(Late of 15 John Street)

36 CORTLANDT STREET, NEW YORK

Mention The Review when you write.

Perry Watson & Co.

CALIFORNIAN SEED HOUSE

SPECIALTIES

Onion Seed
Lettuce
Celery
Carrot
Salsify
Parsnip
etc.

Sweet Peas
Cosmos
Hollyhock
Verbenas
Asters
Mignonette
etc.

Lima Beans
Salt Bush
Bromus Grass
Bermuda "
Johnson "
etc.

ALL CALIFORNIA GROWN. WHOLESALE ONLY.

SACRAMENTO CALIFORNIA

Mention The Review when you write.

GALAX LEAVES.

Chas. H. Ricksecker, Linville, N. C.

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DREER'S SUPERB DOUBLE FRINGED PETUNIA.

Dreer's **R**ELIABLE.... Flower Seeds

(NEW CROP.)

The following are but a few of the many Flower Seeds which should be sown early. For complete list see our Wholesale Catalogue.

	Trade pkt.	Oz.
Ageratum Copes Pet, a fine dwarf blue.....	\$0.15	\$0.40
Alyssum Little Gem, very dwarf.....	.10	.25
Asparagus Sprenger, 75c per 100; \$8.00 per 1000 seeds. Plumosus nanus, \$1.00 per 100; \$9.00 per 1000 seeds.		
Aster Comet, in separate colors.....	.40	2.00
" finest mixed.....	.30	1.50
" Paeony Perfection, in separate colors.....	.30	1.50
" finest mixed.....	.30	1.25
" Queen of the Market, in separate colors.....	.20	.75
" finest mixed.....	.15	.50
" Victoria, in separate colors.....	.40	2.00
" finest mixed.....	.30	1.50
" Semple's Branching, in separate colors.....	.30	1.25
" finest mixed.....	.25	1.00
Browallia Speciosa Major, a fine pot plant.....	.50	5.00
Carnation Marguerite, mixed, a grand strain.....	.25	1.00
Centaurea Candidissima, per 1000 seeds, 25c.....		1.00
" Gymnocarpa, 15c.....		.40
Cobaea Scandens, purple.....	.10	.30
Cyclamen Per. Giganteum, extra choice mixed, \$1.00 per 100 seeds.		
Dracena Indivisa.....	.10	.30
Grevillea Robusta, a fine vase plant.....	.15	.40
Lantana Hybrida, mixed.....	.10	.20
Lobelia Crystal Palace compacta.....	.30	2.00
" Speciosa, dark blue trailing.....	.20	.60
Mignonette Machet, select stock.....	.15	.50
Petunia Dreer's Double Fringed, 75c per 500; \$1.50 per 1000 seeds. Single.....	.50	
Pyrethrum aureum.....	.10	.30
" selaginoides.....	.25	1.00
Salvia Splendens.....	.30	1.25
" Bonfire.....	.50	2.50
Smilax per lb., \$3.50.....	.10	.35
Stocks Large Flowering, 10-week, mixed.....	.40	2.00
Torenia Fournierii.....	.30	3.00
Verbena Mammoth, mixed.....	.25	1.00
Vinca Rosea, mixed.....	.15	.50

Henry A. Dreer, 714 Chestnut St. Philadelphia, Pa.

Mention The Review when you write.

Rooted Cuttings.

Choicest Varieties.
Lowest Prices. Finest Stock.

50,000 Carnations, standards, \$7.50 per 1000. Descriptive list, 25 choicest up-to-date varieties.

50,000 Roses, standards, \$12.50 per 1000.

50,000 Verbenas, 20th Century collection. 32 Grand Mammoth varieties, the cream of all the latest and choicest up-to-date, 60c per 100, \$5.00 per 1000. Strong, 2-in., \$2.00 per 100, \$18.00 per 1000; full of Cuttings, elegant stuff.

50,000 Dble. Fringed Petunias, Henderson's and Dreer's latest sorts. We all know that they lead the world. \$1.00 per 100, \$8.00 per 1000. Strong, 2-in., \$2.00 per 100, \$18.00 per 1000.

20,000 Geraniums, embracing our entire superb collection, \$1.50 per 100, \$15.00 per 1000; large, fine Cuttings of uniform size. 5000 2½-inch Paul Bruant, the best scarlet, and S. A. Nutt, the best crimson, \$2.50 per 100. New Giant California White Marguerite and New Golden, both sell at sight, \$1.00 per 100. Strong, 2½-inch, \$2.50 per 100.

Ageratum, Princess Pauline, the only one to grow, \$1.00 per 100. Extra strong, 2½-inch, full of Cuttings, \$2.50 per 100.

Salvia Splendens, no other so good, \$1.00 per 100. Extra strong, 2½-inch, \$2.50 per 100.

Fuchsias, best sorts, \$1.50 per 100. Vinca Major, \$1.00 per 100.

Smilax, strong, 2½-inch, \$1.50 per 100, 2 inch, \$1.00 per 100. Seedlings, big bushy plants, fit to plant right out, 50c per 100, \$4.00 per 1000, delivered.

500 Roses, 2-year-old, Brides and Maids, fine for the south, \$5.00 per 100 (half value).

Our wholesale descriptive list of Specialties mailed on application. Cash must accompany all orders. Small packages by mail.

SOUTH SIDE FLORAL CO., - Springfield, Ill.

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Always Mention the....

Florists' Review

When Writing Advertisers

VERBENAS The Finest in the Land. Rooted Cuttings, \$1.00 per 100; \$8.00 per 1000. Pot Plants, \$2.50 per 100; \$20.00 per 1000. COLEUS Rooted Cuttings, \$1.00 per 100; \$7.50 per 1000.

LANTANA BORBONICA.	
3-inch.....	\$ 8.00 per 100
4 ".....	18.00 "
5 ".....	4.50 per doz.
6 ".....	8.50

CHRYSANTHEMUMS. Rooted Cuttings.

Ivory, G. of Pacific, Golden Wedding, Mrs. W. H. Robinson, Yellow Queen, Major Bonnafon, Mrs. Murdoch, Wm. Simpson, Louis Bochner, Nivius, W. H. Lincoln, Snow Queen, Mrs. Ryerson, Mrs. C. H. Weeks, \$3.00 per 100.

CARNATIONS. Rooted Cuttings.

Scott, Emily Pearson, Tidal Wave, McGowan, Helen Keller and Ivory, \$1.50 per 100; \$10.00 per 1000.

Mayor Pingree, Flora Hill, Daybreak, Mme. Chas. Duehne \$2.00 per 100.

PETUNIAS.

Dreer's Set.....\$4.00 per 100

Double White.... 4.00

CINERARIA.	
3-inch.....	\$5.00 per 100
MISCELLANEOUS.	
Alyssum, 3 var.	Per 100
Ageratum, Cope's Little Pet.....	\$3.00
Ampelopsis Veitchii.....	3.00
Abutilon, B. de Neige and Souv. de Bon.....	4.00
Alternanthera, 2 var.....	2.50
Cuphea.....	\$20.00 per 1000.
Cyclamen, 4-in., \$2.00 pr dz.	3.00
" 5 ".....	4.00
Dracaena Indivisa, 5-in., \$2.00 per doz.	
Fuchsias.....	3.00
Feverfew, Little Gem.....	3.00
Heliotrope, fine sorts.....	3.00
Hydrangea, Hortensis....	4.00
Ivies, English.....	4.00
Lopesia Rosea.....	4.00
Libonia Peurho Siensis...	3.00
Manettia Vine.....	4.00
Lantana.....	3.00
Lemon Verbena.....	4.00
Marguerite, white.....	3.00

		Per 100
Marguerite, yellow.....		\$4.00
Nierembergia.....		3.00
Othonna.....		3.00
Oleanders, dbl. pink and white.....		6.00
Salvia, scarlet.....		3.00
Vincas, 2 var., strong....		3.00
" 4-inch.....		15.00
Santolina Incana.....		3.00
Pelargoniums, mixed.....		4.00

GERANIUMS.

Such as S. A. Nutt, Master Christine, Queen of the West, Queen Belgians, etc., all colors, \$3.00 per 100.

Dbl. New Life, J. Riccard, Athlete, Beaute Poitevine, Pres. Leon Picas, E. G. Hill, J. J. Harrison, \$4.00 per 100.

ROSES. Per 100

Bride and Bridesmaid....	\$3.00
" 3-in., strong.....	5.00
Hermosa and Souper.....	4.00
Monthly, in variety.....	3.00
H. P.'s such as Jack, Dinsmore, Paul Neyron.....	5.00
H. P.'s in variety.....	4.00

W. L. SMITH.....WHOLESALE FLORIST.....AURORA, ILL.

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FERNS...

Adiantum Farleyense, 2-in., \$ 8.00 per 100
" 3-in., 15.00 "

SAMUEL MURRAY,

1017 Broadway, Kansas City, Mo.

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EAGLE The Everbearing, PLUM

Best money-maker known. Twenty-six successive crops on parent tree; fine size and color, and very best flavor. Perfectly hardy.

ROSEDALE HYBRID

Handsomest evergreen of its class ever offered. Sells at sight. Send for descriptions and prices.

BAKER BROS., - Fort Worth, Texas.

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E. H. HUNT

THE "OLD RELIABLE" FOR

**Wholesale
Cut Flowers**

Hunt's Flowers Go Everywhere.

76 Wabash Ave. CHICAGO.

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LOUISVILLE, KY.

Christmas trade was very good, better than in past years. All the stores sold out clean of holly and green. There were good sales of blooming plants, palms and ferns. Prices were a little higher than last year. Violets and carnations were short in supply, and there was an over-abundance of Romans and paper whites.

At the last meeting of the Kentucky Society of Florists the installation of officers took place. Mr. Jacob Schulz read a paper on hybridizing carnations. He was very successful last year and raised some 800 plants from the seed he hybridized. Some of them are blooming now and it is believed will prove very satisfactory.

Mr. Kunzman's carnations are looking well. He has cut as many as 40 flowers from one plant.

Mr. Wm. Mann's carnations and other stock look fine.

Messrs. Wood & Stubbs, our seedsmen, are sending out their new catalogue, and it is a beauty.

Trade is very quiet after the holidays, and weather very cold since Christmas. KY.

GALESBURG, ILL.—Christmas trade was very good, a little better than last year. There was nearly enough home grown flowers to meet the demand.

KANSAS CITY, MO.—Mr. W. W. Harnden, the seedsman, is the representative of the tenth ward in the lower house of the city council.

LEADVILLE, COLO.—Florist Stockdoff reports an excellent business and looks for an unusually prosperous time during 1900.

PUEBLO, COLO.—Victor Johnson has enlarged his glass to the point where he has to buy but little from outside points and is a strong advocate of home grown flowers.

WASHINGTON, D. C.—Fire did about \$200 damage to the greenhouse of Wm. Sims, in the rear of 1900 Lincoln Av., northwest, the night of Jan. 1.

Choice Cut Flowers

Everything Seasonable.
The Finest Obtainable.
Prices Right. Prompt Service.

E. C. AMLING,**32, 34, 36 Randolph Street, - CHICAGO, ILL.****W. S. HEFFRON, Mgr.**

Price List Issued Weekly. Write for it.

We are Sole Chicago Agents for E. G. Hill & Co.'s Fine Flowers.

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Bassett & Washburn**76 Wabash Ave., CHICAGO, ILL.**Wholesale Growers of
and Dealers in **CUT FLOWERS**

Greenhouses at Hinsdale, Ill.

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**W. E. LYNCH
Wholesale Florist,****19-21 E. Randolph St. CHICAGO.**

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A. L. RANDALLTelephone
1496**Wholesale Florist****4 Washington St., Chicago.**and enlarged quarters we are better
ever to handle your orders.

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**WHOLESALE
GROWER OF ROSES. DEALER IN
CUT FLOWERS.****J. A. BUDLONG,****37-39 Randolph St., CHICAGO, ILL.**

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**Maplewood Cut Flower and
Plant Co. GEO. M. KELLOGG, Pres.**Growers of **CUT FLOWERS** at WholesaleRegular shipping orders given special attention. We
have the largest plant west of Chicago.**Store: 906 Grand Ave., KANSAS CITY, MO**
Greenhouses; Pleasant Hill, Mo.

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WIETOR BROS.Wholesale
Growers of **Cut Flowers.**All telegraph and telephone orders
given prompt attention.**51 Wabash Avenue, CHICAGO.**

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**C. A. KUEHN WHOLESALE
FLORIST**

Cut Flowers and Florists' Supplies.

Manufacturer of the Patent Wire Clamp Floral
Designs. A full line of supplies always on
hand. Write for catalogue and prices.**1122 PINE STREET, ST. LOUIS, MO.**

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**H. Berning
G. Berning****WHOLESALE
FLORIST,****1322 Pine Street,
ST. LOUIS, MO.**

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WHOLESALE SHIPPING****FLORISTS****3134 Olive Street, ST. LOUIS, MO.**

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**Cincinnati
Cut Flower Co.**W. A. MANN.
FRANK W. BALL.**416 Walnut St. Wholesale Florists
CINCINNATI, O.**Consignments Solicited.
Special Attention Given to Shipping Orders.
Mention The Review when you write.

Kennicott Bros. Company,

42 and 44

East Randolph St.,
CHICAGO, ILL.

WE herein call attention to a fact noted since Xmas — Flowers have much improved and trade seems to be almost up to the supply, on A No. 1 stock it is up to supply.

Bulb stock is good, Violets are fine, Carnations were never better. With these few remarks we herein present our price list, understood, subject to change without notice.

**Will make
Special Low Rate
on WIRE WORK now.
Write for extra discount.**

ROSES.

Per 100.

Brides, Bridesmaid, Meteor, extra select.....	\$7.00 to	\$8.00
Brides, Bridesmaid, Meteor, good medium.....	5.00 to	6.00
Roses, our selection, mixed varieties.....		4.00

CARNATIONS.

Special fancy.....	\$5.00 to	\$6.00
Fancy	2.50 to	3.00
Good medium	1.50 to	2.00
Our selection.....	1.00 to	1.25

MISCELLANEOUS.

Romans and Narcissus....	\$2.50 to	\$3.00
Valley, never better	3.00 to	5.00
Violets, the best	1.00 to	1.50
Daffodils	4.00 to	5.00
Marguerites .....		.60
Adiantum	1.00 to	1.25
Smilax	12.50 to	18.00
Asparagus .....	.40 to	.75
Common Fern, 25c per 100, 2.00 per 1000		
Galax.....15c " 1.50 "		

**Kennicott Bros. Co.,
Wholesale Cut Flowers,
CHICAGO, ILL.**

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Chicago Carnation Co. THE GREAT AND ONLY CARNATION SPECIALISTS

CUTTINGS NOW READY.

	DOZ.	100	1000		100	1000
Chicago, scarlet.....	\$1.50	\$10.00	\$75.00	Gen. Maceo, crimson	\$3.00	\$50.00
Genevieve Lord, the peer of any light pink carnation offered.....	2.00	10.00	75.00	G. H. Crane, scarlet	6.00	50.00
Mrs. Thos. W. Lawson, cerise pink.....	3.00	14.00	120.00	Gold Nugget, yellow.....	2.50	20.00
Olympia.....	2.00	12.00	100.00	Argyle, carmine pink.....	2.50	20.00
Ethel Crocker, light pink.....	2.50	10.00	75.00	Jubilee, scarlet.....		
Mrs. Frances Joost, pink.....	2.50	20.00		Armazindy, var.....		
Mrs. James Dean, light pink	2.50	20.00		Evelina, white.....		
John Young, white.....	4.00	30.00		New York, dark pink	2.00	15.00
White Cloud, white.....	4.00	30.00		W. Scott, pink.....		
Mrs. Geo. Bradt, var.....	3.00	25.00		Victor, pink.....		
Gen. Gomez, crimson.....	6.00	50.00		Daybreak, light pink		
				Flora Hill.....		

CHICAGO CARNATION CO., Greenhouses and address, **JOLIET, ILL.**

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ORDER NOW. Tuberous Rooted Begonias and Gloxinias.

Our strain of these imported Spring and Summer flowering bulbs is the finest to be found in Europe. We make personal selections of these stocks when in flower, and same must not be confounded with cheap, indifferent strains, which are dear at any price.

SINGLE ROSE, scarlet, white, yellow and orange, 40c per doz., \$2.50 per 100, \$20.00 per 1000.

SINGLES IN CHOICEST MIXTURE, 35c per doz., \$2.00 per 100, \$18.00 per 1000.

DOUBLE ROSE, scarlet, white and yellow, 85c per doz., \$5.00 per 100, \$40.00 per 1000.

DOUBLES IN CHOICEST MIXTURE, 50c per doz., \$4.00 per 100, \$35.00 per 1000.

GLOXINIA CRASSIFOLIA GRANDIFLORA, 50c per doz., \$4.00 per 100, \$30.00 per 1000.

FANCY LEAVED CALADIUMS, 30 choice varieties, \$2.00 per doz., \$15.00 per 100.

HENRY A. DREER,
714 Chestnut St., PHILADELPHIA, PA.
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BENTHEY & CO.

F. F. BENTHEY, Mgr.

WHOLESALE AND COMMISSION Florists. Consignments Solicited.

41 Randolph St. CHICAGO.

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PETER REINBERG,

Wholesale Grower of CUT FLOWERS.

500,000 feet of Glass.

Headquarters for fine AMERICAN BEAUTIES.

51 Wabash Avenue, CHICAGO.

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Jadoo Fibre... and Jadoo Liquid..

Have been found
INVALUABLE to use with
soil in the growing of
FLOWERING and
FOLIAGE PLANTS.

Send for our catalogue.

The American Jadoo Co.

817 Fairmount Ave.,

PHILADELPHIA, PA.

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11,000 Dracaena Indivisa,

in 2-in. pots, \$3.00 per 100, \$25.00 per 1000.

ASPARAGUS PLUM. NANUS,

from flats, \$2.75 per 100.

(Cash, please.)

Send for list of testimonials of our Soil Pulverizer.
No. 1, \$5.00; No. 2, \$10.00; No. 3, \$15.00

The Florists' Supply Co.

Box 56, - - - NORTH TONAWANDA, N. Y.

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Always mention the Florists' Review when writing advertisers.

SAMUEL S. PENNOCK. Wholesale Florist

{ Until further notice, will be open from }
6:00 a. m., to 11.00 p. m.

American Beauties and Valley Our Specialties. 1612-14-16-18 Ludlow St., Philadelphia, Pa.

Mention The Review when you write.

PHILADELPHIA.

The florists in this city reported a general rush for New Year's day. Some of them were obliged to break the Sabbath by working all day; they had a great many orders for early delivery on New Year's day, there being quite a number of dinner parties given in honor of the New Year.

The boys had quite a "big time" at the Florists' Club room New Year's afternoon; the evening was spent in playing various games.

Prices.

Prices are as follows: Beauties, \$1 to \$5 per doz.; Brides, Maids, Meteors, K. A. Victoria, \$2 to \$8; extra, \$10 to \$12; Gontiers, \$4 to \$5; Morgan and Perle, \$2 to \$8; Liberty, \$2 to \$3; extra, \$4 per doz.; Golden Gate, \$2 to \$8; extra, \$10 to \$12. Cattleyas, 50 to 60 cents. Cypripediums, 15 cents. Carnations, \$1 to \$1.50 per 100; fancy, \$2 to \$6; E. Crocker, \$5 to \$6. Hyacinths, \$2 to \$3. Valley, \$3 to \$4; extra, \$5. Mignonette, \$2 to \$4. Narcissus, 3 to \$4. Violets, double, 75 cents to \$1.50; single, 50 to 75 cents. Adiantum, \$1. Asparagus, 50 cents. Smilax, 15 cents. R.

OCEANIC, N. J.

At the regular monthly meeting of the Monmouth County Horticultural Society it was decided to have a "smoker" at the time of the lecture by Prof. Byron D. Halsted, of the New Jersey Experimental Station, which takes place Jan. 19 at 7:30 p. m.

The Morris County Florists' and Gardeners' Association invited the officers of the Mo. Co. Hort. Society to their installation of officers and "smoker."

RICHMOND, VA.

Mr. W. A. Hammond reports an excellent holiday business, with bright prospects for the new year.

He celebrated the season by a distribution of a barrel of turkeys amongst the married men employed in his extensive establishment. The gift was highly appreciated and creates an excellent precedent, which he hopes to follow up.

PAEONIES IN THE SOUTH.

Will some southern reader of The Review tell me how far south paeonies do well? Would also like to know how far south the lily of the valley is successfully grown. R.

PITTSBURG CUT FLOWER CO., Ltd. WHOLESALE FLORISTS.

Long Distance
Phone 2157.

CONSIGNMENTS SOLICITED.

No. 504 Liberty St.,
PITTSBURG, PA.

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Write for Price List.

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Asparagus Plumosus

Cut Strings
8 feet long.
50c per string.

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Shipped
to any part
of the country.

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BRIGHTON, MASS.

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Galax Leaves GREEN and BRONZE

New Crop, finest stock only.

The Introducer,

HARLAN P. KELSEY,

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Real Estate,

Land with or without Greenhouses
in different parts of the United States.

BARGAINS can be had and opportunities opened
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your requirements.

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Brokers in Real Estate,

Glass, Pipe, Boilers, etc.

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PANDANUS VEITCHII

Vigorous Shapely Plants.

6-in. pots, \$1.00 each. 7-in. pots, \$1.50 each.
8-in. pots, \$2.00 each.
Discounts on large orders.

JOHN WELSH YOUNG,

Upsal Station, Penna. R.R. Germantown, Pa.

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TO ISSUERS OF CATALOGUES.

Paul Stark, Liberty, Mo., asks us to advise issuers of catalogues that he is now the only florist in Liberty, Mo. Copies addressed to parties formerly there are delivered to him and he dislikes to see them wasted, as one copy is enough for him.

GIVE US
A
TRIAL.
WE CAN
PLEASE
YOU.

Roses,
Carnations
and all
kinds of
Seasonable
Flowers
in stock.



WM. F. KASTING, Wholesale Com-
mission Florist,
491 Washington St., BUFFALO, N. Y.
Also Dealer in Florists' Supplies and Wire
Designs.

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Long's "Handy" Order Sheets

The practical leaders to correct order taking in
hurried hours. Single sample free.

Pad of 100 sheets, mailed for 24 cents in stamps.
Ten Pads (1000 sheets), by express, \$1.75.

DAN'L B. LONG, Publisher, BUFFALO, N. Y.

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Cut Flower Exchange,

404 - 412 East 34th St., New York,

NEAR THE FERRY.

Open Every Morning at 6 o'clock for the sale of
CUT FLOWERS.

Wall space for Advertising purposes to Rent.

J. DONALDSON, SECRETARY.

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JOHN B. FERGUSON, Wholesale Florist,

444 Sixth Ave., PITTSBURG, PA.

LONG DISTANCE 'PHONE 2985.

We Command a Good Market.

Consignments Solicited.

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SELAGINELLA DENTICULATA, 2-inch,

per 100, \$2.00

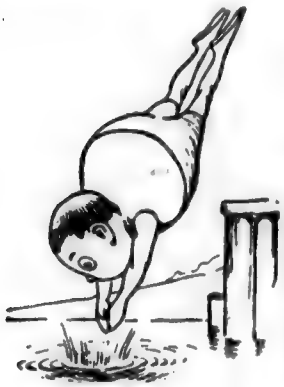
They are all right for Christmas sales.

Primroses, 3 and 3½-in. pots, \$5.00 per 100.

E. I. RAWLINGS, QUAKERTOWN, PA.

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writing advertisers.



100,000 R. C. Carnations Ready TO SHIP

Early orders get the best stock.

	Per doz.	Per 100
Mrs. Thos. W. Lawson	\$3.00	\$14.00
Ethel Crocker, pink	1.50	10.00
Olympia, variegated	1.50	10.00
The Marquis, pink	1.50	10.00
Genevieve Lord, pink	1.50	10.00
G. H. Crane, scarlet	.60	4.50
America, scarlet	.50	4.00
Melba, light pink	.50	3.50
Mrs. G. Bradt, variegated	.50	3.00
Glacier, white, fine	.50	4.00
Maud Adams, dark pink	.50	3.50
Gomez, dark red	.50	4.00
Mrs. F. Joost, pink	.40	2.50
Gold Nugget, yellow	.50	3.00
Argyle, pink, fine		1.25
Triumph, pink		1.50
Daybreak, shell pink		1.00
Empress, dark red		1.00
Flora Hill, white		1.50
White Cloud, white		2.50
Mary Wood, white, fine		3.00
Jubilee, scarlet		1.50
Pysche, variegated		1.50
Morello, scarlet		1.50
Wm. Scott, pink		1.00
Lizzie McGowan		1.00

PLANTS.

Geranium De Roo Mitting	2 1/4-inch	10.00
Geranium Double Snow Drop	"	10.00
New Yellow Baby Primrose	"	10.00
22 Coleus, fine, named	"	4.00
20 Standard Coleus, named	"	1.50
30 Double Petunias, mixed	"	2.00
Primula Obconica, 3 1/4-inch	"	3.00
Primula Obconica, 2 1/4-inch	"	2.00
Primula, Chinese, 2 1/4-inch	"	1.50
Primula, from flats, strong	"	.75
Velvet Plant	"	3.00
15 Begonias, flowering, named, 2 1/4-inch	"	2.00
Forget-Me-Not, winter flowering, 2 1/4-inch	"	2.00
Iresines, 2 varieties, red and yellow, 2 1/4-inch	"	2.00
Pansy Plants, per 1000, \$3.00	"	.50
Cannas, large flowering, mixed	"	1.00
Mesembryanthemum Erectum, 2 1/4-inch	"	2.00
California Moss	"	2.00
Lycopodium Dent.	"	2.00
Alternanthera, 4 varieties	"	2.00
Feverfew, Little Gem	"	2.00
Feverfew, yellow foliage	"	2.00
Dusty Miller	"	2.00
Cigar Plant	"	2.00
Vinca, variegated, trailing	"	2.00
Pure White Pansy Plants	"	.50
Ferns, mixed, our selection, 2 1/4-inch	"	5.00
Lobelia, Crystal Palace Gem	"	2.00

Five plants at 100 rates.

The Morris Floral Co.

MORRIS, ILL.

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GERANIUMS

Most desirable semi-double bedders and market varieties, double and single. Also Begonia Erfordii and Vernon, red, pink and white. Replanted, fine stock, \$16 per 1000; from sand \$12 per 1000.

COLEUS

Red, yellow and brightest colored fancy. Strong, \$6 per 1000. 100 rates same by express. Terms cash. Choice Petunias, Pansies, Verbenas, Heliotrope, etc. Send for list and prices.

DANIEL K. HERR, Lancaster, Pa.

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IF YOU have not already done so, please send us an accurate list of those in the trade that receive their mail at your postoffice, and greatly oblige the publishers.



NEW TOMATO FOR 1900

LIVINGSTON'S MAGNUS.

This very distinct and most promising new variety, of the color of BEAUTY and ACME is the latest addition by Livingston to the Tomato family. It is thicker, heavier, and more solid than either of the above, making it easily the most handsome sort in cultivation. The form is perfect, uniform, large and attractive. Flesh very firm. It is a robust grower, with short joints, setting its fruit clusters closer together than most varieties, and is therefore a heavy cropper. It is especially adapted for shipping, and is remarkably fine for forcing indoors and out.

Per pkt. 20c; 3 pkts. 50c; 7 pkts. \$1.00

The Livingston Seed Co., COLUMBUS, Ohio.

Mention The Review when you write.

Commercial Violet Culture

BY PROF. B. T. GALLOWAY,

Chief, Division of Vegetable Physiology and Pathology, U. S. Department of Agriculture, Washington, D. C.

This work is thoroughly practical and discusses fully: Varieties and their Origin; Localities where the Crop is likely to Prove Profitable; Requirements for Success; Construction of Houses and Frames; Heating Houses and Frames; Soils and their Preparation; Manures and Fertilizers; Propagation, Selection, Planting, Watering, Cleaning and Feeding; Picking, Bunching and Marketing; Diseases and their Treatment; Insect Enemies and Methods of Combating them; Cost of Producing the Crop, Profits, etc.

Superbly illustrated with upward of 60 plates, plans, diagrams, etc., including Working Drawings of Model Violet Houses; Plans for Complete Heating Systems; Photographs Showing Methods of Handling Soil, Preparing the Beds, Bunching the Flowers, Packing for Shipment, etc. Numerous illustrations showing the character of the more important diseases are also given. PRICE POSTPAID, \$1.50.

Bound in Flexible Covers of Royal Purple Cloth and Gold; 224 Pages; Small Octavo. Prospectus free.

BEST METHODS OF HEATING GREENHOUSES. A collection of thirteen leading essays, selected from a large number submitted in competition. Each essay is accompanied by diagrams illustrating the system advocated. Price 10 cts. Send for new catalogue of books for Florists, Nurserymen and Seedsmen.

Address THE FLORISTS' EXCHANGE, 2 to 8 Duane St. New York.

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THE FLORISTS' MANUAL

By WILLIAM SCOTT.

A Complete Reference Book for Commercial Florists. Over 200 large pages. Handsomely illustrated. Following is a list of the subjects covered:

Abutilon	Bouvardia	Eucharis	Lantana	Poinsettia
Acacia	Bromeliads	Eupatorium	Lapageria	Potting
Acalypha	Browallia	Euphorbia	Lawns	Primula
Acanthophoenix	Bulbs		Libonia	
Acer japonicum		Ferns	Lilium	Rhododendron
Achillea	Caladium	Fertilizers and Ma-	Lily of the Valley	Richardia Africana
Achimenes	Calamus	nures	Linum trigynum	Ricinus
Acrophylum	Calceolaria	Ficus	Lobelia	Roses
Adiantum	Camellia	Fittonia	Lysimachia	
Agapanthus	Canna	Floral Arrangements		Salvia
Agave	Carludovica	Freesia	Manettia	Santolina
Ageratum	Carnation	Fuchsia	Maranta	Sedum
Allamanda	Celosia	Fungicides and Insec-	Martinezia	Seed Sowing
Alocasia	Centaurea	ticides	Maurandya	Selaginella
Aloysia citriodora	Cheiranthus		Metrosideros	Shading
Alternanthera	Chrysanthemum	Gardenia	Mignonne	Skimmia japonica
Amaranthus	Cineraria	Geranium	Mimulus	Smilax
Amaryllis	Clematis	Gladiolus	Moon Flower	Soils
Ampelopsis	Cobea	Glazing	Mulching	Solanum
Ananas	Cold-frames	Glechoma	Musa	Stephanotis
Annuals	Coleus	Gloxinia	Myosotis	Stevia
Anthericum	Cosmos	Grasses		Stocks
Anthurium	Cotyledon	Greenhouse Building	Nepenthes	Store Management
Antirrhinum	Crinum	Grevillea robusta	Nierembergia	Swainsona
Aponogeton distach-	Crocus	Hardy Perennial		Sweet Peas
yon	Croton	Plants	Oleander	System
Aquatics	Cycas	Hardy Shrubs	Orchids	
Araucaria	Cyclamen	Heating	Othonna	Thunbergia-alata
Ardisia	Cytisus	Hedera (Ivy)	Oxalis	Torenia
Aristolochia		Hedge Plants		Tropaeolum
Asparagus	Dahlia	Heliotrope	Packing Flowers	Tuberoses
Aspidistra	Decorations	Hibiscus	Packing Plants	
Asplenium	Decorative Material	Hollyhock	Paeonia	Valotta purpurea
Aster	(Wild)	Hotbeds	Palms	Vases
Astilbe japonica	Decorative Plants	Hoya	Pandanus	Ventilation
Azalea	Deutzia	Hydrangea	Panicum variegatum	Veranda Boxes
	Dianthus		Pansy	Verbena
	Dracaena	Impatiens Sultani	Pelargonium	Vinca
	Drainage	Iresine (Achyranthes)	Peperomia	Violet
Balsam		Jasminum	Perilla nankinensis	
Bay Trees	Easter Plants		Petunia	Watering
Bedding Plants	Euacris	Kalmia (sum)	Phlox Drummondii	
Begonia	Erica	Koeniga (Sweet Aly-	Phlox (Herbaceous)	Zinnia
Bellis	Eriostemon		Pinks	
Bottom Heat				
Bougainvillea				

Price, \$5.00, Prepaid by Express or Mail.

FLORISTS' PUBLISHING CO., Caxton Building, CHICAGO.

COLUMBUS, O.

The year 1900 opened disastrously for Mr. E. T. Affleck, whose place was almost totally destroyed by fire. Three greenhouses are a total wreck, while the contents of the fourth were lost through the disabling of the heating apparatus. The fire also destroyed a well filled barn.

The loss is estimated at \$6,000 to \$7,000, with insurance of only \$500 on the barn and none on greenhouses and contents. Mr. Affleck intends to rebuild as soon as possible.

The fire originated near the boiler in some unknown manner and had got a good start before it was discovered by the night fireman.

PITTSBURG.

The 40th annual meeting of the Pennsylvania State Horticultural Association will be held in Old City Hall, this city, Tuesday and Wednesday, Jan. 16 and 17. An interesting program has been prepared and there will be an exhibition of fruits and flowers.

Further information may be had by addressing the secretary of the association, Mr. E. H. Engle, Waynesboro, Pa., or the secretary of the local committee of arrangements, Mr. J. E. Haudenschild, Green Tree, Pa.

Gustav & J. W. Ludwig, of Allegheny, have issued a very handsomely illustrated catalogue of floral arrangements.

OWOSSO, MICH.

John S. Schleider, proprietor of the Sunnyside greenhouses, has completed his store and conservatory on West Main street. The store is a neat two-story brick building, 22x60, and a handsome show window extends clear across the front on the first floor. The conservatory is at the side of the store and is 22x40. The store is finished in white, with tinted walls.

The greenhouse plant at the north end of Hickory street consists of six modern houses, each 24x100, making a total of 15,000 square feet of glass.

MERRILL, WIS.—N. Greivelding has a calla lily with two blooms on one stem and now a third has started out between the two.

WAUSAU, WIS.—Mr. C. Lund is building a 50-foot house. He now has about 5,000 feet. Mr. M. Phillips built a hundred-foot house last summer and put in raised benches in his other house in place of solid beds. He now has 4,000 feet of glass.

MACOMB, ILL.—Geo. N. Philcox, who has been with I. L. Pillsbury in Galesburg for some time, has just taken charge of the Macomb Greenhouses here, and will continue the business as G. N. Philcox & Co. We wish him every success. F. R. Thornton has been there for the past year.

PRIMROSES for Easter Blooming, 2-in. \$2.00 per 100

ROOTED CUTTINGS

Alyssum Giant.....	\$1.00 per 100
GERANIUMS.....	Per 100
Assorted, common.....	\$1.50
Best varieties.....	2.00
Mixed, per 1000.....	\$12.125
Mars, Happy Thought.....	8.00
Mme. Bruant.....	2.50
Silver Leaf, rose scented.....	1.50
Bronze.....	1.50
Mrs. Parker, Dble. Pink Silver Leaf.....	4.00
Mme. Sallerol.....	1.25
Freak of Nature.....	8.00
Double New Life.....	4.00

MISCELLANEOUS.....	Per 100
Coleus, fancy & large leaved.....	\$1.00
" " separate colors.....	.80
" " mixed colors.....	.60
Alternanthera, R. and Y., summer struck, pr 1000.....	\$9.1.00
Alternanthera, R. and Y., per 1000.....	\$5.00
Fuchsia, Trailing Queen.....	1.50
Tradescandia Tricolor.....	2.00
Manettia (bicolor).....	2.00
Vinca.....	1.50
Salvia.....	1.25
Heliotrope.....	1.25

MISCELLANEOUS.....	Per 100
Begonia Erfordii, Rex, Incarnata Gigantea.....	\$2.00
Impatiens Sultan.....	2.00
Forget-Me-Not (Winter Flowering).....	2.00
Fuchsia, assorted.....	1.50
Fuchsias, Sun Ray, Variegated, red, white and green.....	4.00
Lemon Verbena R. C.....	1.50
Let us book your order now for the best late white Mum for florists' use, rooted cuttings.....	2.00

POT PLANTS

GERANIUMS.....	Per 100
Mrs. Parker.....	\$6.00
Happy Thought, Silver Leaf, 2½-in.; Mrs. Pollock, 2½-in.....	4.00
BEGONIAS.....	Per 100
Rex, assorted, 2½-in.....	\$4.00
" named.....	6.00

MISCELLANEOUS.....	Per 100
Forget-Me-Not (Winter Flowering), 2½-in.....	4.00
Lemon Verbena, 3.00, 4.00, 6.00.....	
Primroses (in bud) 2½-in.....	3.00
Primula obconica, 2-in.....	2.00
" " in flats.....	1.50

MISCELLANEOUS.....	Per 100
Anthericum, 8-in.....	6.00
Dracaena Ind. (in flats).....	5.00
Mignonette, 2-in.....	2.00
Manettia bicolor, 2½-in.....	4.00
Fragrant Calla, 2½-in., \$1.50 doz.....	
Fragrant Calla, 4-in.....	3.00
Terms Cash or O. O. D.	

GREENE & UNDERHILL, Watertown, N. Y.

Mention The Review when you write.

NEW CARNATIONS.

We are now ready to receive orders for strong rooted CUTTINGS.....

GEN. MACEO.....	\$1 per doz., \$6 per 100, \$50 per 1000.
G. H. CRANE.....	
GLACIER.....	
MORNING GLORY.....	

GEN. GOMEZ.....	75c per doz., \$5 per 100, \$40 per 1000.
MRS. G. M. BRADT.....	

WHITE CLOUD.....	50c per doz., \$4 per 100, \$30 per 1000.
GOLD NUGGET.....	

25 at 100 rate. 250 at 1000 rate.

We have Fine Large Stocks and will deliver only Fine, Strong, Well-Rooted Cuttings.

THE COTTAGE GARDENS, - QUEENS, N. Y.

Mention The Review when you write.

NOW IS THE TIME TO BUY

Verbena Seed, Mammoth flowering, choicest mixed, 50c per ¼ oz.; \$1.50 per oz. Asparagus Plumosus Nanus Seed (home grown), every seed will germinate, \$1 per 1000; \$5 per 10000. Asparagus Sprengeri Seed, new crop, 75c per 1000; \$6 per 10000. Aster Seed, Semple's true branching, choicest mixed, 35c per ¼ oz.; .per oz., \$1.25.

HENRY F. MICHELL
1018 Market St. Phila.

WHOLESALE PRICE LIST OF SEEDS BULBS
ARE MAILED TO OUR CUSTOMERS AND TO APPLICANTS

Mention The Review when you write.

PLANTS AND CUTTINGS....

Begonias, best flowering varieties, 4-in. pots, \$1.00 per doz., \$8.00 per 100. Umbrella Plants, 4-in. pots, \$1.00 per doz., \$8.00 per 100. Ferns, Pteris tremula, 2-in. pots, 50c per dozen, \$4.00 per 100. Vincas, center of foliage yellow, 2½-in. pots, 50c per doz., \$3.00 per 100. Geraniums, best bedding varieties mixed, in fine growing condition, 2-inch pots, \$2.50 per 100. Geraniums, rooted cuttings, \$1.50 per 100. Rooted cuttings of Fuchsias, Heliotrope, Chrysanthemum frutescens, per 100, \$1.00. Rooted cuttings of Alternanthera, red and yellow, Ageratum, blue and white dwarf. Micantha, Coleus, best bedders, 50c per 100. Carnation Mrs. Fisher, rooted cuttings from soil, \$1.25 per 100.

C. LENGENFELDER, ELGIN, ILL.

Mention The Review when you write.

Always Mention the....

Florists' Review

When Writing Advertisers.

Choice Plants for Autumn Sales.

JOHN H. LEY,

Good Hope, Washington, D. C.

Asparagus P. Nanus, 5-in. pots.....doz., \$3.00
Ferns, 30 new and choice sorts, 4-in. pots, 100, 10.00
" 10 choice sorts, 2-in. pots..... 4.00
Nephrolepis Washingtonensis, the finest new Fern this year, 4-in. pots.....doz., 3.00
Adiantum Hybridum, new, elegant, 8-in., each 1.00
Cuneatum, extra large, 4-in. pots, 100, 10.00
Crotons, 12 finest sorts, colors fine, 4-in., doz., 1.00
Peperomia Arifolia and Argyreia, 8-in., .50
Selaginella Africana, fine blue and others, 8-in. pots.....doz., .50
Ferns, from flats, nice little plants for small pots, 10 sorts, 100 free by mail..... 1.25
Careful packing. Cash with order. Plants gratis.

Mention The Review when you write.

WHY DO YOU WORRY ALL WINTER

through fear of oversleeping when one of EDERER'S SAFETY ALARM LOUNGES will awaken you, firmly but gently, the very minute you need to fire up? Will last a lifetime. 25 per cent. discount from now until February 1, 1900. Write for particulars.

L. EDERER, 30th and Bristol Sts. OMAHA, Neb.

Mention The Review when you write.

"Nicomite" (Patent) VAPOR Insecticide Powder.

No labor required. Harmless to bloom and foliage. A certain killer of Red Spider, Green Fly, and all other insect pests. Ask your Seedsman for it. THE TOBACCO WAREHOUSING AND TRADING CO., Louisville, Ky.

Mention the Review when you write.

NEW LIGHT PINK CARNATION Genevieve Lord

Peerless in its class. The coming light pink. As a commercial variety it will score its greatest triumph. As an exhibition variety it will take care of itself. Its reputation is already made. We recommend it to you as being first-class in every way. It has won highest honors wherever exhibited. In a word it is the light pink par excellence. Better than Scott in its palmiest days. There will be no attempt to over-propagate it. First come, first served. Send for complete description.

\$75.00 per 1000; \$10.00 per 100; \$2.00 per doz.

DELIVERY FEBRUARY 15.

Also Mrs. Thos. W. Lawson,
Ethel Crocker, Olympia and the
Marquis at introducers prices.

H. WEBER & SONS, Oakland, Md.

Mention The Review when you write.

Ethel Crocker. Absolutely the Best Pink Carnation ever offered the trade.

A fact fully borne out by its record, being equally good with Craig, Hill and myself (an assurance that it is not a success in one soil and a failure in another.) By its having been shown at the flower shows and clubs since early in September (an assurance that it is not a good late carnation but an all season variety.)

In color, size, fragrance and stem it is just what the "storemen" want. In habit, constitution and freedom of bloom it is just what the grower wants. It produces more flowers to the square foot than any other known variety, and is never out of crop from September to July.

With 18,000 stock plants to work from there is no danger of it being overpropagated, and all orders entrusted to me will be filled with cuttings selected from the plants and also in filling the order, by myself, thus doubly assuring good stock. Honest sample blooms furnished prepaid at \$1.00 per dozen, amount deducted from all orders for 100 or over. Up to date every sample excepting one out of several hundred sent has brought an order.

Price per 100, \$10.00; per 25, \$2.50. Per 1000, \$75.00; per 250, \$18.75. HERR'S PANSIES, good little plants at 75c per 100; \$4.00 per 1000.

Price list of standard varieties ready now.

ALBERT M. HERR, Lancaster, Pa.

Mention The Review when you write.

New and Standard Varieties of

CARNATIONS

F. DORNER & SONS CO.

LA FAYETTE, IND.

Mention The Review when you write.

CARNATIONS Rooted Cuttings

of all the NEW and LEADING VARIETIES. Send for prices.

GEO. HANCOCK & SON,
GRAND HAVEN, Mich.

Mention The Review when you write.

FIELD GROWN

CARNATIONS.

BEST NEW AND STANDARD VARIETIES
Write for catalogue and prices.

W. P. PEACOCK, ATCO, N. J.

Mention The Review when you write.

First Lot of 2-in. Roses

Ready for shipment Jan. 15.

ROOTED CUTTINGS now ready.

Write for prices.
Also ask for prices of
Cut Roses, Carnations and Bulb Stock.

GEO. A. KUHLE, PEKIN, ILL.

Mention The Review when you write.

Carnation Cuttings....

	Per 100	Per 1000
MRS. LAWSON.....	\$14 00	\$120 00
G. H. CRANE	5 00	
AMERICA	5 00	40 00
MELBA	4 00	30 00
LESLIE PAUL.....	4 00	30 00
GOV. GRIGGS	4 00	30 00
MRS. BRADT	3 00	25 00
FRANCES JOOST.....	2 50	20 00
EVANSTON	2 50	20 00
JUBILEE	2 50	20 00
VICTOR	2 50	20 00
WHITE CLOUD.....	2 50	20 00

	Per 100	Per 1000
FLORA HILL	\$2 00	\$15 00
GOLD NUGGET	2 00	15 00
TRIUMPH	2 00	15 00
DAYBREAK	1 25	10 00
ARGYLE	1 25	10 00
ARMAZINDY.....	1 25	10 00
LIZZIE MCGOWAN.....	1 00	7 50
EVELINA.....	1 00	7 50
MAYOR PINGREE.....	1 00	7 50
WM. SCOTT.....	1 00	7 50
NIVEA	1 00	7 50
MORELLO.....	1 00	7 50

All Cuttings sold with the express understanding that if not satisfactory they are to be returned at once, when money will be refunded.

PETER REINBERG, 51 Wabash Ave., CHICAGO.

Mention The Review when you write.



PREPARED
TROPICAL
PALMS

— AND —
CYCAS
...LEAVES

Send for Catalogue.

OSTERTAG BROS., Florists,

Washington and Jefferson Aves., ST. LOUIS, MO.

Mention The Review when you write.

ROOTED CUTTINGS.....

Verbenas, 40 var., 60c per 100, \$5.00 per 1000.
Petunias, 30 var., \$1.25 per 100. Heliotrope, 15 var., \$1.00 per 100. Coleus, 30 var., 70c per 100, \$6.00 per 1000. Ageratum, 8 kinds, include Princess Pauline, 70c per 100; Alyssum Dble., \$1.00 per 100; Apple Geraniums, \$1.75 per 100. Lantanas, 4 kinds, \$1.25 per 100. Salvias, 3 kinds, \$1.00 per 100.

Express prepaid and satisfaction guaranteed. Cash with orders. Do not send checks. Our Cuttings are good. Write

S. D. BRANT, Clay Center, Kan.

Mention The Review when you write.

Pansies...

Fine Plant, large flowering strain, \$2.50 per 1,000
150 Obconica Grandiflora Primula, 2.00 per 100
100 Forbesi Primula..... 2.00 "
Geranium, 16 varieties..... 3.00 "

CASH, PLEASE.

JOS. H. CUNNINGHAM, DELAWARE, OHIO.

Mention The Review when you write.

VERBENAS.

New Mammoth Standards, all colors, they're pretty warm, 60c per 100; \$5.00 per 1000.

PETUNIAS, Dreer's are the best Double Fringed Pink to date, \$1.25 per 100; \$10.00 per 1000.

HELIOTROPE, 75c per 100. AGERATUM, 50c per 100. COLEUS, 50c per 100. Every cutting a selected cutting. Every cutting guaranteed.

THE COTTAGE GARDENS,

F. R. THORNTON, - - - - MACOMB, ILL.

Mention The Review when you write.

E. G. Hill & Co.

Wholesale
Florists,

RICHMOND, INDIANA.

Mention The Review when you write.

CLASSIFIED PLANT ADVERTISEMENTS.

Rate for advertisements under this head, 10 cents a line net, per insertion. New advs. and changes must reach us by Wednesday morning at latest to secure proper classification in issue of Thursday.

ACALYPHA.

Acalypha Sanderi, fine 2½-in. plants, \$3.00 per 100.
The Conard & Jones Co., West Grove, Pa.

AGERATUM.

Ageratum Princess Pauline, the only one to grow. Extra strong, 2½-in., \$2.50 per 100.
South Side Floral Co., Springfield, Ill.

Copes Pet, blue, Lady Isabel, white, 60c per 100; \$5.00 per 1000.
C. Humfeld, Clay Center, Kan.

Ageratum, rooted cuttings, 50c per 100.
F. R. Thornton, Macomb, Ill.

ALTERNANTHERA.

40,000, 4 varieties, red, yellow, pink and large pink leaved, strong, full of cuttings; were potted last August, 2½-in., \$2.00 per 1000.
Morris Floral Co., Morris, Ill.

Red and yellow, color bright, large plants, 75c per 100; \$6.00 per 1000, delivered. Satisfaction guaranteed.
J. T. Ellis, Griffin, Ga.

Alternanthera, rooted cuttings, summer struck, \$1.00 per 100; \$9.00 per 1000.
Greene & Underhill, Watertown, N. Y.

Alternanthera, 2 var., \$2.50 per 100; \$20.00 per 1000.
W. L. Smith, Aurora, Ill.

Red and yellow, rooted cuttings, 50c per 100.
C. Lengenfelder, Elgin, Ill.

ANTHERICUM.

Anthericum, 3-in., \$8.00 per 100.
Greene & Underhill, Watertown, N. Y.

The Florists' Manual, by William Scott, is a whole library on Commercial Floriculture.

ASPARAGUS.

Fresh seed, A. Sprengeri, 75 cts per 100; \$6.00 per 1000. Plumosus nanus, \$1.25 per 100; \$10.00 per 1000. H. H. Berger & Co., 47 Barclay St., New York.

Asparagus Plumosus and Sprengeri, 2½-in. pots, \$5.00 per 100. A. Plumosus Nanus, 6-in. pots, at \$15 per 100.
National Plant Co., Dayton, O.

700 fine Asparagus Sprengeri, 3½-in. pots, for \$40.00, or \$6 per 100. Splendid Plumosus, 4-in., \$10.00 per 100. Cash with order.
Roney Bros., West Grove, Pa.

Asparagus Sprengeri, surplus, extra fine, 150 3-in., \$5.00 per 100, 75 4-in., \$8.00 per 100. Cash with order. Jacob A. Fries, Bethlehem, Pa.

Asparagus Sprengeri from 3-in. pots, 5c each; 4-in., 10c each; 4½-in., 15c.
G. R. Oliver, 3 Pleasant St., Bradford, Pa.

Asparagus plumosus nanus, from flats, \$2.75 per 100.
Florists' Supply Co., No. Tonawanda, N. Y.

A. Sprengeri, 3-in. pots, \$1.00 a doz.; 5-in., 25 cts each.
John Bader, Troy Hill, Allegheny, Pa.

Asparagus Sprengeri and Plumosus, 2-in., \$5.00 per 100; 3-in., \$8.00 per 100. Cash.
Geo. M. Emmans, Newton, N. J.

A. plumosus, strong, 2-in., \$4.50 per 100; \$40.00 per 1000. Cash. C. Merkel & Son, Mentor, O.

6-ft. strings, 35c each; 8 to 12-ft. strings, 45c each. Cash.
H. M. Altick, Dayton, O.

A. plumosus nanus, 5-in., \$3.00 per doz.
John H. Ley, Good Hope, D. C.

A. plumosus, 6-in., thrifty and good color, 25c.
O. F. Searles, Nashua, N. H.

BEGONIAS.

Single Rose, scarlet, white, yellow and orange, 40c per doz.; \$2.50 per 100; \$20.00 per 1000. Singles in choicest mixture, 35c per doz.; \$2.00 per 100; \$18.00 per 1000. Double Rose, scarlet, white and yellow, 65c per doz.; \$5.00 per 100; \$40.00 per 1000. Doubles in choicest mixture, 50c per doz.; \$4.00 per 100; \$35.00 per 1000.
H. A. Dreer, 714 Chestnut St., Philadelphia.

Begonia tuberous, single colors, separate. Per 100, English strain, \$3.50; Belgian, \$2.50. Double colors, separate, English strain, \$5.00; Belgian, \$4.00.
Bobbink & Atkins, Rutherford, N. J.

Begonia Rex, assorted, 2½-in., \$4.00; named, \$6.00. Rooted cuttings, Erfordii, Rex, Incarnate gigantea, \$2.00 per 100.
Greene & Underhill, Watertown, N. Y.

Erfordii and Vernon, red, pink and white, replanted from fine stock, \$16.00 per 1000; from sand, \$12.00.
D. K. Herr, Lancaster, Pa.

Best flowering varieties, 4-in., \$1.00 per doz.; \$8.00 per 100.
C. Lengenfelder, Elgin, Ill.

Rex begonia, finest mixed, 3-in., \$4 per 100. Cash.
Geo. M. Emmans, Newton, N. J.

15 varieties, flowering, named, 2½-in., \$2.00 per 100.
Morris Floral Co., Morris, Ill.

B. rubra, 3½-in., \$4.00 per 100. Cash.
National Plant Co., Dayton, O.

15 varieties, flowering, 2½-in., \$2.00 per 100.
Morris Floral Co., Morris, Ill.

BOUGAINVILLEAS.

Bougainvillea Sanderiana, strong, from 3-inch pots, 24-30 inches, \$3.00 per 100.
P. J. Berckmans Company, Augusta, Ga.

BULBS.

Ready for delivery now: Tuberous Begonias, extra fine, sound, plump bulbs, 5 colors, separate, pure white rose, scarlet and crimson, orange, yellow. Single, 1-1½ in., doz., 40c; 100, \$2.50; 1000, \$20.00. 1½-2 in., doz., 50c; 100, \$3.00; 1000, \$25.00. Double, 1-1½ in., doz., 70c; 100, \$5.00; 1000, \$45.00. 1½-2 in., doz., 80c; 100, \$6.00; 1000, \$55.00. Gloxinia Crassifolia Erecta. Brilliant colors, best strains, 1-1½ in., doz., 50c; 100, \$3. 1½-2 in., doz., 50 cts; 100, \$4.00. Gladioli. For early forcing, Florists' superb mixture, containing many white and light, doz., 20 cts; 100, \$1.25; 1000, \$10.00. Gladiolus May, one of the best sellers, white rosy, with flakes, doz., 40 cts; 100, \$2.50; 1000, \$20.00. For other sorts see New List issued. Due end December. Excelsior Pearl Tuberose. Fine white, clean stock, 3-4 in., 100, 50 cts; 1000, \$3.50; 4-6 in., 100, \$1.00; 1000, \$7.00.
H. H. Berger & Co., 47 Barclay St., N. Y.

50,000 Gladiolus bulbs. They are of good size and a greatly improved mixed strain from the German, French, Lemoine, Luther Burbank and the Childs seedlings; principally white and light colors. At wholesale, \$4.00 per 1,000. In lots of 5,000 or more will give time till 1st of June, 1900, to responsible parties. Otherwise cash with order. Geo. Billow, Akron, O.

Best quality at lowest rates. Roman hyacinths, Narcissi, Freesia, and other French bulbs for forcing. Bernard Son, 29 Boulevard du Musée Marseille, France. Bulb grower and exporter. Established 1872. Bulbfields-Hyeres, Ollioules. Wholesale only.

We have still on hand some of our Lily of the Valley pips, the finest that comes to this country at \$10.00 per 1000; case of 3000 at \$9.00 per 1000. J. M. Thorburn & Co., 36 Cortlandt St., New York.

R. Van Der Schoot & Son, Wholesale Bulb Growers, Hillegom, Holland. Our bulb stocks, now covering an area of over 150 acres, are at present the largest of Holland. Est. 1830.

Excelsior Pearl Tuberose Bulbs and Caladium Esculentum Bulbs for Dec. and Jan. delivery. J. F. Croom & Bro., Magnolia, N. C.

Callas. First size, 4-5-in. circum., \$4.00; second size, 3-4., \$3.00 per 100.
Jackson & Perkins Co., Newark, N. Y.

Bulbs and Plants for Fall and Spring delivery. C. H. Joosten, Importer, 85 Dey St., N. Y.

CACTI.

A fine lot of small plants, suitable to offer as premiums, very cheap. Choice collections supplied at low rates.
Mrs. M. E. Patterson, Glendale, Cal.

The Florists' Manual, by William Scott, is a complete reference book for commercial florists.

CALADIUMS.

Fancy leaved Caladiums, 30 choice varieties, \$2.00 per doz.; \$15.00 per 100.
H. A. Dreer, 714 Chestnut St., Philadelphia.

Caladiums, fancy named sorts, large, dry bulbs now ready, \$10.00 per 100.
P. J. Berckmans Company, Augusta, Ga.

CANNAS.

10 varieties, all mixed, single eyes, \$1.00 per 100.
Morris Floral Co., Morris, Ill.

Italia and Austria, mixed, 50c per 100.
J. T. Ellis, Griffin, Ga.

CARNATIONS.

Carnation cuttings. Mrs. Lawson, \$14.00 per 100; \$120.00 per 1000. G. H. Crane, \$5.00 per 100; America, \$5.00 per 100; \$40.00 per 1000. Melba, Leslie Paul and Gov. Griggs, \$4.00 per 100; \$30.00 per 1000. Mrs. Bradt, \$3.00 per 100; \$25.00 per 1000. Frances Joost, Evanston, Jubilee, Victor and White Cloud, \$2.50 per 100; \$20.00 per 1000. Flora Hill, Gold Nugget and Triumph, \$2.00 per 100; \$15.00 per 1000. Daybreak, Argyle and Armazindy, \$1.25 per 100; \$10.00 per 1000. McGowan, Evelina, Pingree, Scott, Nivea and Morello, \$1.00 per 100; \$7.50 per 1000. All cuttings sold with express understanding that if not satisfactory they are to be returned at once and money will be refunded.
Peter Reinberg, 51 Wabash Ave., Chicago.

New carnations. We are now ready to receive orders for strong rooted cuttings. Gen. Maceo, G. H. Crane, Glacier, Morning Glory, \$1.00 per doz.; \$6.00 per 100; \$50.00 per 1000. Gomez, Bradt, 75c per doz.; \$5.00 per 100; \$40.00 per 1000. White Cloud, Gold Nugget, 50c per doz.; \$4.00 per 100; \$30.00 per 1000. Mrs. James Dean, \$3.00 per 100; \$25.00 per 1000. Mrs. Thos. W. Lawson, \$3.00 per doz.; \$14.00 per 100; \$120.00 per 1000. Olympia, \$2.00 per doz.; \$12.00 per 100; \$100.00 per 1,000. Marquis, Genevieve Lord, Ethel Crocker, \$2.00 per doz.; \$10.00 per 100; \$75.00 per 1000. 25 at 100 rate, 250 at 1000 rate. We have fine large stocks and will deliver only strong, well rooted cuttings.
The Cottage Gardens, Queens, N. Y.

Carnation cuttings. G. H. Crane, \$5.00 per 100; Mrs. Bradt, \$3.00 per 100; White Cloud, Mrs. Joost, Triumph and Evanston, \$2.50 per 100; \$20.00 per 1000. Gold Nugget, Mrs. McBurney and Jubilee, \$2.00 per 100; \$15.00 per 1000. Flora Hill, Daybreak, Argyle and Armazindy, \$1.25 per 100; \$10.00 per 1000. McGowan, Evelina, Mayor Pingree, Painted Lady, Wm. Scott, Tidal Wave and Morello, \$1.00 per 100; \$7.50 per 1000. All rooted cuttings sold under the condition that if not satisfactory they are to be returned at once and money will be refunded.
George Reinberg, 51 Wabash Ave., Chicago.

Carnation Cuttings. Ready to ship now, guaranteed well rooted or money refunded. "Old Chestnut," but we say express man must allow purchaser to examine cuttings before accepting and if not satisfactory take the same back. White Cloud, \$2.50 per 100. Gomez, \$4.00 per 100. Melba, \$4.00 per 100. Flora Hill, \$1.50 per 100. Mrs. Joost and Victor, \$2.50 per 100; \$20.00 per 1000. Mayor Pingree, \$1.00 per 100; \$7.50 per 1000. Daybreak, \$1.25 per 100; \$10.00 per 1000. Scott, \$7.00 per 1000. Cash with order. Carl E. Taube, Mercer Floral Co., Trenton, N. J.

The new light pink carnation, Genevieve Lord is the coming light pink and we recommend it to you as being first class in every way. It has won highest honors where ever shown. Better than Scott in its palmist days. There will be no attempt to over propagate it. First come, first served. \$75.00 per 1000; \$10.00 per 100; \$2.00 per doz. Delivery Feb. 15th. Send for complete description. Also Mrs. Thos. W. Lawson, Crocker, Olympia and the Marquis at introducers' prices.
H. Weber & Sons, Oakland, Md.

100,000 rooted cuttings, ready to ship. Early orders get the best stock. Mrs. Thos. W. Lawson, \$3.00 per doz.; \$14.00 per 100. Crocker, Olympia, Marquis, Lord, \$1.50 per doz.; \$10.00 per 100. Crane, 60c per doz.; \$4.50 per 100. America, 50c per doz.; \$4.00 per 100. All the other new and standard sorts, for prices see large adv.
Morris Floral Co., Morris, Ill.

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CLASSIFIED PLANT ADVERTISEMENTS—CONTINUED.

Orders booked now in order of receipt for rooted cuttings of the famous Mrs. Thomas W. Lawson, the \$30,000 Queen of Carnations, for spring delivery, commencing Feb. 1, 1900. Prices to the trade only: Per dozen, \$3.00; per 100, \$14.00; per 1000, \$120.00; per 5000, \$500.00; per 10,000, \$800.00. Terms strictly cash or C. O. D. from unknown parties. Address all orders and make all remittances payable to Thos. F. Galvin, 124 Tremont St., Boston, Mass.

Ethel Crocker. Absolutely the best carnation ever offered the trade. \$10.00 per 100; \$75.00 per 1000. 250 for \$18.75; 25 for \$2.50. Honest sample blooms furnished prepaid at \$1.00 per doz.; amount deducted from all orders for 100 or over. A. M. Herr, Lancaster, Pa.

Rooted cuttings of carnations. Both new and old varieties at lowest prices for good stock. Special rates on orders booked for future delivery. Satisfaction or money refunded. Geo. A. Rackham, 880 Van Dyke Ave., Detroit, Mich.

25,000 rooted cuttings now ready. McGowan, Eldorado, Bobolink, Scott, Cartledge, healthy, well rooted; must be sold, prices low. Kohinoor, the summer bloomer, 2-in. pots, \$1.50 per 100. Cash with order.

Roney Bros., West Grove, Pa.

Rooted cuttings, Scott, Emily Pierson, Tidal Wave, McGowan, Helen Keller, Ivory, \$7.50 per 100; \$10.00 per 1000. Mayor Pingree, Flora Hill, Daybreak, Mme. Chas. Duehne, \$2.00 per 100. W. L. Smith, Aurora, Ill.

Chicago Carnation Co. The great and only carnation specialists. Cuttings now ready. For list see display adv. in this issue. Chicago Carnation Co. Greenhouses and address, Joliet, Ill.

Orders taken for February delivery for Rooted Cuttings of Carnations, Scott, McGowan, Mrs. Fisher, Portia and Alaska, 75c per 100; \$6.00 per 1000. Cash with order. Geo. M. Emmans, Newton, N. J.

Orders booked now for rooted cuttings of Daybreak, McGowan, Silver Spray, Tidal Wave, Meteor and Scott, \$6.00 per 1000 and up. Express paid. Write for prices. S. W. Pike, St. Charles, Ill.

Good, healthy Mrs. Fisher Carnations, rooted cuttings for summer blooming, \$1.00 per 100, \$8.00 per 1000. Wm. Scott, \$1.00 per 100. Andrew Christensen, Stoneham, Mass.

50,000 standard carnations, rooted cuttings, \$7.50 per 100. Descriptive list of 25 choice, up-to-date varieties. Cash. South Side Floral Co., Springfield, Ill.

Flora Hill, \$1.50 per 100; \$14.00 per 1000. L. McGowan and Wm. Scott, \$1.00 per 100; \$9.00 per 1000. C. Humfeld, Clay Center, Kan.

Carnation Seeds. Specialists in pedigree seeds for winter blooming. Contracts solicited. American Rose Co., Washington, D. C.

Rooted cuttings of all the new and leading varieties. Send for prices. Geo. Hancock & Son, Grand Haven, Mich.

Best new and standard varieties. Write for catalogue and prices. W. P. Peacock, Atco, N. J.

Mrs. Fisher, rooted cuttings, from soil, \$1.25 per 100. C. Lengenfelder, Elgin, Ill.

For all the best novelties of the season write N. Smith & Son, Adrian, Mich.

New and standard varieties of Carnations. F. Dorner & Sons Co., Lafayette, Ind.

Rooted cuttings, price list ready. H. F. Littlefield, Worcester, Mass.

CHRYSANTHEMUMS.

Stock plants, fine. Perrin, Golden Wedding, Dailledouze, Riemann, Modesto, Merry Monarch, Sunderbruch, Henderson, Robinson, The Queen, Bergmann, Glory of Pacific, Johnson, Bonaffon, Murdock, \$5.00 per 100. Cash. Mixed of the above, \$3.00 per 100. C. H. Reed, 706 So. 20th St., Birmingham, Ala.

Rooted cuttings. Ivory, G. of Pacific, Golden Wedding, Mrs. W. H. Robinson, Yellow Queen, Major Bonaffon, Mrs. Murdock, Wm. Simpson, Louis Boehmer, Niveus, W. H. Lincoln, Snow Queen, Mrs. Ryerson, Mrs. C. H. Weeks, \$3.00 per 100. W. L. Smith, Aurora, Ill.

We are headquarters for all the best novelties of the season in chrysanthemums. N. Smith & Son, Adrian, Mich.

"Little Chris," bloomed with us continuously from March until January. Plant dwarf, flowers small, white. Sold well at Easter and Decoration Day. Cut back plants from young growth from bottom, 4 and 5-in. pots, 25 and 35c each. Plants from 2-in. pots later. W. T. Bell & Sons, Franklin, Pa.

CINERARIAS.

Finest strain, 2-in. pots, ready for 4, \$3.00 per 100. 4-in. pots, ready for 5, \$4.00 per 100. 5-in. pots, ready for 6, \$5.00 per 100. Geo. W. Fetzer, 434 N. 11th St., Allentown, Pa.

Cineraria, \$3.00 per 100; 3-in., \$5.00 per 100. W. L. Smith, Aurora, Ill.

COLEUS.

Coleus, Crimson Verschaffeltii and Golden Queen, \$7.00 per 1000, 75 cts per 100; 2-in. pots, \$1.50 per 100. Coleus in variety, \$5.00 per 1000, 60 cts per 100; 2-in. pots, \$1.25 per 100. Rooted cuttings except where noted. Cash with order. J. E. Felthousen, Schenectady, N. Y.

20 new ones, all named, \$1.00 per doz.; \$4.00 per 100. 30 standard varieties, all named, 2½-in., \$1.50 per 100. Morris Floral Co., Morris, Ill.

Fancy coleus, rooted cuttings, separate colors, 80c per 100; mixed, 60c per 100. Greene & Underhill, Watertown, N. Y.

Red, yellow and brightest colored fancy, strong, \$6.00 per 1000. D. K. Herr, Lancaster, Pa.

30 varieties, 70c per 100; \$6.00 per 100. Express paid. S. D. Brant, Clay Center, Kan.

Coleus, rooted cuttings, 50c per 100. F. R. Thornton, Macomb, Ill.

Rooted cuttings, separate colors, 80c per 100. C. Winterich, Defiance, Ohio.

Rooted cuttings, \$1.00 per 100; \$7.50 per 1000. W. L. Smith, Aurora, Ill.

Rooted cuttings, 50c per 100. C. Lengenfelder, Elgin, Ill.

CROTONS.

12 finest sorts, color fine, 4-in., \$1.00 per doz. John H. Ley, Good Hope, D. C.

CUT BLOOMS.

Carnations and violets, fresh cut flowers, direct from grower. Orders filled on short notice. Long distance phone, Evenden Bros., Williamsport, Pa.

High grade carnation blooms. Standing orders solicited. Chicago Carnation Co. Greenhouses and address, Joliet, Ill.

Write Geo. A. Kuhl, Pekin, Ill., for prices on cut roses, carnations and bulb stock.

CYCLAMEN.

Blooming cyclamens, 4 and 5-in. pots, at 20 and 30c each; \$2.00 and \$3.00 per doz. Send in orders for cyclamen seedlings of my own strain, the best obtainable. Ready March 1. \$3 per 100. Four colors. Will exchange for cyperus, Rex Begonia or palms. C. Winterich, Defiance, Ohio.

Cyclamen Persicum Splendens Giganteum, finest strain in the world, in four true colors, in bud and bloom, from 4-inch pots, \$1.50 per dozen; \$12.00 per 100. Paul Mader, East Stroudsburg, Pa.

Cyclamen giganteum, 2-in., \$6; 4-in., \$10 per 100. Cash. Geo. M. Emmans, Newton, N. J.

Cyclamen, 4-in., \$2.00 per doz.; 5-in., \$4.00 per doz. W. L. Smith, Aurora, Ill.

DAHLIAS.

Dahlias by the tens of thousands. Get my catalogue before ordering elsewhere. W. W. Willmore, Box 352, Denver, Colo.

DAISIES.

New giant California white Marguerite and the new golden Marguerite, two of the greatest selling plants of the year, strong 2½-in., \$2.50 per 100; rooted cuttings, \$1.00 per 100. South Side Floral Co., Springfield, Ill.

Bellis, strong plants, Snowball and Longfellow, 40c per 100; 300 for \$1.00; \$2.50 per 1000. J. C. Schmidt, Bristol, Pa.

DRACAENAS.

11,000 Dracaena indivisa, in 2-in., \$3.00 per 100; \$25.00 per 1000. Florists' Supply Co., No. Tonawanda, N. Y.

Dracaena indivisa, in flats, \$5.00 per 100. Greene & Underhill, Watertown, N. Y.

Dracaena Indivisa, 5-in., \$2.00 per doz. W. L. Smith, Aurora, Ill.

FERNS.

	Inch	Price	Per	Per
	pots	each	10	100
Adiantum Capillus Veneris, 2½		\$0.04	\$0.30	\$2.50
Adiantum Capillus Veneris, 3		.05	.45	4.00
A. C. V. Imbricatum or Hardy Farleyense .....3		.15	1.50	
A. C. V. Imbricatum or Hardy Farleyense .....4		.30	3.00	
Adiantum Cuneatum .....4		.10	1.00	9.00
Pteris Cretica Alba-Lineata; 4		.10	.90	8.00
Selaginella Emmelliana ....2		.04	.30	2.50
Selaginella Emmelliana ....3		.06	.50	4.50
Selaginella Emmelliana ....4		.10	.90	8.00
Nephrolepis Exaltata .....3		.06	.55	5.00
Nephrolepis Exaltata, str'g.7		.45	4.00	
N. Tuberosa .....6		.25	2.00	
N. Rufescens Tripinnatifida 5		.35	3.00	

Mixed Ferns, from benches.....1.50
For other varieties and sizes see wholesale list, from which 10 per cent. discount will be given on all orders accompanied with cash. W. J. Hesser, Plattsmouth, Neb.

Ferns. 30 new and choice sorts, 4-in., \$10.00 per 100; 10 new and choice sorts, 2-in., \$4.00 per 100. Nephrolepis Washingtoniensis, 4-in., \$3.00 per doz. Selaginella Africana, 3-in., 50c per doz. Adiantum hybridum, new, 8-in., \$1.00 each. Ferns from flats, nice little plants for small pots, 10 sorts, 100 free by mail, \$1.25. Adiantum cuneatum, extra large, 4-in., \$10.00 per 100. Careful packing. Cash with order. John H. Ley, Good Hope, D. C.

Fern Spores. We are headquarters. Extra large pkt. sufficient for 2000 plants, \$1.00, postpaid. Collection of 12 best varieties, each in separate package, \$5.00, postpaid. Cultural directions with each order. Send for prices on Boston Ferns, Farleyense, etc. E. C. McFadden, Short Hills, N. J.

Ferns. This year we have a fine lot, all in the best possible shape, a good variety and nice, bushy stock, 2½-in. pots, \$3.50 per 100; \$30.00 per 1000; packed in pots, 50 cts per 100 extra, express paid to New York. H. Weston & Bro., Hempstead, L. I., N. Y.

Ferns for dishes. Strong, 2 and 2½-in., \$3 per 100; \$27.50 per 1000. Maranta Massangana (will sell your fern dishes), \$5.00 per 100; \$40.00 per 1000. Pteris Tremula, 3-in. pots, strong, \$5.00 per 100. Terms cash or C. O. D. C. Merkel & Son, Mentor, Ohio.

Boston Ferns. N. Exaltata Bostoniensis, small plants, \$5.00 per 100 to \$40.00 per 1,000; largest size, \$6.00 to \$20.00 per 100; not less than 250 at 1,000 rate. Wm. A. Bock, No. Cambridge, Mass.

Adiantum cuneatum, select stock, \$6.00 per 100; \$55.00 per 1000. Ready for shipment at once. M. A. Hunt Floral Co., Box 235, Terre Haute, Ind.

Boston ferns and Nephrolepis cordata compacta, 2½-in., \$5.00 per 100. In pans, 50c, 75c, \$1.00, \$1.25 and \$1.50 each. Cash please. Carl Hagenburger, W. Mentor, Ohio.

Adiantum Cuneatum. Strong 2½-in. plants, \$3.00 per 100; \$25.00 per 1000. Fine plants, in 3½ and 4-in. pots, \$6.00 per 100; \$30.00 per 1000. Edw. J. Taylor, Southport, Conn.

Small ferns in choice assortment, out of 2 and 2½-inch pots, \$4.00 per 100. Cash. Geo. A. Rackham, 880 Van Dyke Ave., Detroit, Mich.

Boston Fern, a specialty, \$5.00 per 100; \$40.00 per 1000. Only orders booked. L. H. Foster, 45 King St., Dorchester, Mass.

Adiantum Farleyense, 2-in., \$8.00; 3-in., \$15.00 per 100. Samuel Murray, 1017 Broadway, Kansas City, Mo.

Boston ferns, bed grown, \$3.00 to \$10.00 per 100. Cash with order. Mrs. Frank W. Poor, Haverhill, Mass.

Selaginella denticulata, 2-in., \$2.00 per 100. They are all right for Christmas sales. E. I. Rawlings, Quakertown, Pa.

Fern Balls. For spring delivery. Must be ordered now. Vredenburg & Co., Rochester, N. Y.

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CLASSIFIED PLANT ADVERTISEMENTS—CONTINUED.

FERNS—Continued.

Nephrolepis cordata compacta, 2½-in., \$4 per 100. Cash. Geo. M. Emmans, Newton, N. J.
Pteris tremula, 2-in., 50c per doz.; \$4.00 per 100. C. Lengenfelder, Elgin, Ill.

FORCING PLANTS.

Spiraeas, extra large clumps, per 100, Japonica, \$3.50; compacta, \$5.00; *astilboides floribunda*, \$5.00; *japonica aurea reticulata*, \$10.00.
Rhododendrons for forcing, 50c each; \$5.00 per doz. Well budded plants.
 Bobbink & Atkins, Rutherford, N. J.

FORGET-ME-NOTS.

Winter flowering, 2½-in., \$4.00 per 100; rooted cuttings, \$2.00 per 100.
 Greene & Underhill, Watertown, N. Y.

FUCHSIAS.

Fuchsia, Trailing Queen, \$1.50; fuchsias, assorted, \$1.50. Sun Ray, variegated, red, white and green, \$4.00 per 100.
 Greene & Underhill, Watertown, N. Y.

Fuchsias, in variety, in 2½-in. pots. Our selection, \$3.00 per 100. Cash with order.
 J. E. Felthousen, Schenectady, N. Y.

The best sorts, \$1.50 per 100. Cash.
 South Side Floral Co., Springfield, Ill.

Winter blooming, 2½-in., \$2.00 per 100.
 Morris Floral Co., Morris, Ill.

Rooted cuttings, \$1.00 per 100.
 C. Lengenfelder, Elgin, Ill.

Fuchsias, \$3.00 per 100.
 W. L. Smith, Aurora, Ill.

GARDENIAS.

Gardenia Florida, from 3-inch pots, 8-10 inches, branched, \$10.00 per 100.
 P. J. Berckmans Company, Augusta, Ga.

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Richard Brett, Beate Poitevine, Mrs. E. G. Hill, Wonder, Ruy Blas, Marguerite De Lavers, Mme. Bruant, \$20.00 per 1000; 2½-in. pots of the same, \$30.00 per 1000; \$3.25 per 100.
 S. A. Nutt, La Favorite, Jas. Garr, Double Grant, and several other good bedders, \$15 per 1000; 2½-in. pots, \$22.00 per 1000; \$2.50 per 100.
Rose Geraniums, \$2.00 per 100. Skeleton Rose, \$2.00 per 100. Rooted cuttings except where noted. Cash with order.
 J. E. Felthousen, Schenectady, N. Y.

Mrs. Parker, \$6.00; Happy Thought, Silver Leaf, 2½-in., Mrs. Pollock, 2½-in., \$4.00 per 100. Rooted cuttings, dbl. New Life, Mrs. Parker, dbl. pink silver leaf, \$4.00; Happy Thought, Freak of Nature, Mars, \$3.00; Mme. Bruant, \$2.50; Silver Leaf, rose scented, Bronze, \$1.50; Mme. Sallerol, \$1.25; assorted common, \$1.50; mixed, \$1.25; best varieties, \$2.00 per 100. Greene & Underhill, Watertown, N. Y.

20,000 geraniums, embracing our entire superb collection, \$1.50 per 100; \$15.00 per 1000, large fine cuttings, all of uniform size, 50,000 2½-in. Paul Bruant, the best scarlet, and S. A. Nutt, crimson, \$2.50 per 100. Cash.
 South Side Floral Co., Springfield, Ill.

S. A. Nutt, Master Christine, Queen of the West, Queen Belgians, etc.; all colors, \$3.00 per 100. Double New Life, J. Riccard, Athlete, Beate Poitevine, Pres. Leon Picas, E. G. Hill, J. J. Harrison, \$4.00 per 100.
 W. L. Smith, Aurora, Ill.

Twelve of the best varieties of geraniums, but mixed, \$1.50 per 100. From 2-in. pots. Cash with order.
 Logan Ave. Greenhouses, Danville, Ill.

New geraniums De Roo Mitting and double Snow Drop, \$1.20 per doz.; \$10.00 per 100. La Favorite, 2½-in., \$2.00 per 100.
 Morris Floral Co., Morris, Ill.

Best bedding varieties, mixed, in fine growing condition, 2-in., \$2.50 per 100; rooted cuttings, \$1.50 per 100.
 C. Lengenfelder, Elgin, Ill.

Most desirable semi-double bedders and market varieties, double and single, replanted from fine stock, \$16.00 per 1000; from sand, \$12.00.
 D. K. Herr, Lancaster, Pa.

We are headquarters for the best novelties in geraniums. N. Smith & Son, Adrian, Mich.

16 varieties, \$3.00 per 100. Cash please.
 Jos. H. Cunningham, Delaware, Ohio.

GLOXINIAS.

Named varieties, as follows, \$4.00 per 100. Mont Blanc, pure white; Defiance, scarlet; Progress, red, white bordered; Patrie, violet, white bordered; also a limited quantity of Kaiser Frederick and Kaiser Wilhelm, the best varieties out.
 Bobbink & Atkins, Rutherford, N. J.

Gloxinia crassifolia grandiflora, 50c per doz.; \$4.00 per 100; \$30.00 per 1000.
 H. A. Dreer, 714 Chesnut St., Philadelphia.

HARDY PLANTS.

Hardy Pinks. Rooted Cuttings. Now ready. 8 sorts as follows: Her Majesty, giant white; Alba Fimbriata, white, fringed; Brunette, pink, with maroon markings; Earl of Carlisle, variegated, maroon, rose and white; Juliette, cherry-red, variegated pink and white; Gertrude, white, maroon markings; Laura Wilmer, pink with darker shadings, fringed; May, beautiful flesh-pink, very fragrant, \$1.00 per 100, postpaid; \$3.00 per 1000, by express. Large; field-grown clumps, \$5.00 a 100. Satisfaction guaranteed.
 A. B. Davis & Son, Purcellville, Va.

Vinca Minor. We can supply any quantity in nice little field-grown clumps at \$2.50 per 100; \$3.00 per 1000; \$75.00 per 10,000. Samples at 100 prices. No charge for packing, when cash accompanies order. Reference requested. Pinehurst Nurseries, Otto Katzenstein, Mgr., Pinehurst, N. C. Ask for our trade lists of American Woody and Herbaceous Plants and Seed.

Clematis Virginiana, finest American Climber, sweet-scented small white flower, 2 year, strong, 3 cts. Large-flowered *Clematis*, for forcing, purple and white, fine plants, from 5-in. pots, at 18c; 2 year, field-grown plants, 18c; 1 year, field-grown, fine plants, at 12c. Packing free. W. H. Salter, Rochester, N. Y.

Funkia Lancifolia Greenleafed. A fine hardy bordering plant. The spikes of Lavender-blue flowers are nice for funeral work, \$2.00 per 100; \$15.00 per 1000. *Eulalia striata*, \$2.00 per 100. Would exchange for carnations or other stock needed.
 W. C. Jennison, Natick, Mass.

Biota Aurea Nana, a perfect gem, fine, shapely plants, hardy north, 10 to 12 inches high, \$10.00 per 100; \$80.00 per 1000; 12 to 15 inches, \$12.00 per 100; \$100.00 per 1000; 15 to 18 inches, \$20.00 per 100.
 P. J. Berckmans Company, Augusta, Ga.

The ever-bearing, never-failing Eagle Plum, best money-maker known. 26 successive crops on parent tree. Rosedale hybrid, handsomest evergreen of its class ever offered. Send for descriptions and prices.
 Baker Bros., Fort Worth, Tex.

Honeysuckles, *Hibiscus Cooperi*, Moon vines (white, true), 2½-in. pots, \$3.00 per 100. Hardy pinks, rooted cuttings, 6 varieties, \$1.00 per 100; \$8.00 per 1000. Cash.
 National Plant Co., Dayton, O.

Viburnum Tomentosum. A rare and beautiful shrub. Herbaceous Perennials a specialty. Price list and descriptive catalogue on application. Rea Brothers, Norwood, Mass.

Bargains in California Privet, *Ampelopsis Veitchii*, *Clematis Paniculata*, Shrubs and Grasses. Write for prices. The Elizabeth Nursery Co., Elizabeth, N. J.

Coreopsis, Ragged Robins and Larkspurs, fine plants, 50c per 100. Cash with order.
 Misses Wilson, Montgomery, Ala.

Boston Ivy. Send for prices. The Howland Nursery Co., Los Angeles, Cal.

HELIOTROPE.

Heliotrope, rooted cuttings, the best. 75c per 100.
 F. R. Thornton, Macomb, Ill.

Rooted cuttings, \$1.25 per 100.
 Greene & Underhill, Watertown, N. Y.

15 varieties, \$1.00 per 100.
 S. D. Brant, Clay Center, Kan.

Rooted cuttings, \$1.00 per 100.
 C. Lengenfelder, Elgin, Ill.

HYDRANGEAS.

Otaska and Thos. Hogg, \$10.00 per 100. Extra value, satisfaction guaranteed.
 Jackson & Perkins Co., Newark, N. Y.

MANETTIA.

Manettia bicolor, 2½-in., \$4.00; rooted cuttings, \$2.00 per 100.
 Greene & Underhill, Watertown, N. Y.

MANNETTIA STOCKS.

Manetti for grafting Tea Roses, \$12.00 per 1000. Bobbink & Atkins, Rutherford, N. J.

MIGNONETTE.

Allen's Defiance, fine plants from seed bed, 50c per 100; \$3.50 per 1000.
 J. C. Schmidt, Bristol, Pa.

ORCHIDS.

Orchids have for very many years been a specialty with the undersigned, and the collection is steadily augmented by fresh importations from the collectors of the firm. It is not easy, without seeing it, to form an adequate conception of the stock. Extent is simply immense. Quality fine. Prices moderate.
 HUGH LOW & CO.,
 BUSH HILL PARK NURSERY,
 ENFIELD, ENGLAND.

We are headquarters for established and imported orchids of A1 quality. Our new price list now ready. Cherry wood baskets, moss and peat. Lager & Hurrell, Summit, N. J.

Strong, well established, healthy plants, at \$9.00 per doz. Fern roots of best quality, \$1.00 per barrel.
 W. Mathews, Utica, N. Y.

PEONIES.

Tree peonias, in pure white, rose, red and variegated. Should be planted now in pots. Commands high prices for Easter bloom. If desired special directions will be given to insure best success. We offer fine stock, per plant, 65 cts.; per dozen, \$6.00; 25 plants, \$10.00.
 H. H. Berger & Co., 47 Barclay St., New York.

Paeonia officinalis rubra plena, \$10.00 per 100; \$1.50 per dozen. This is the true dark crimson variety, the earliest flowering paeonia in existence and the only one good for forcing.
 Bobbink & Atkins, Rutherford, N. J.

PALMS, ETC.

LATANIA BORBONICA.

4-inch pots, \$2.50 per doz.; \$30.00 per 100.
 5-inch pots, \$4.75 per doz.; \$35.00 per 100.
 6-inch pots, \$9.00 per doz.; \$70.00 per 100.
 7-inch pots, \$1.25 each, and fine specimen plants from \$6.00 and upwards.

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	Pot	H't.	Char.	Per
	in.	in.	lvs.	100. 1000.
<i>Latania Borbonica</i> ,	4	12-15	2	\$15.00 \$125
"	4	15-18	2-3	20.00 150
"	5	18-20	4-5	25.00
<i>Phoenix Canariensis</i> ,	4	15-18	4-5	15.00
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30 varieties, every one fine, \$1.25 per 100.
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30 varieties, mixed, \$2.00 per 100.
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Nice stocky plants of large flowering Chinese Primroses, mixed colors, many of them blooming, out of 4-inch pots, at \$3.00 per 100. Cash with order.

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Chinese Primroses, large, thrifty plants in bud and bloom. Colors, exquisite; fringed and largest sized flowers. From 4½-in. pots, \$6.00 per 100. Cash with order. Mrs. M. Cavanaugh, Ionia, N. Y., Ont. Co.

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Morris Floral Co., Morris, Ill.

For Easter blooming, 2-in., \$3.00 per 100. In bud, 2½-in., \$3.00. Primula obconica, 2-in., \$2.00; in flats, \$1.50.

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Chinese Primrose, finest fringed varieties, 2-in., \$3.00; 2½-in., \$3.00 per 100; 3-in., \$4.00 per 100. Cash. Geo. M. Emmans, Newton, N. J.

Chinese primroses, strong, 3-inch pots, 50c per doz.; 4-in. pots 75c per doz. C. Elsiele, 11th & Jefferson Sts., Philadelphia, Pa.

Baby primrose, 5-in. pots, 30 to 50 spikes, \$10.00 per 100. Geo. W. Fetzer, 434 N. 11th St., Allentown, Pa.

150 Obconica grandiflora and 100 Forbesi at \$2.00 per 100. Cash please.

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Dormant Hybrid Perpetual Roses. Just the thing for Easter pot plants. Low budded. Two-year-old. Price, your selection of kinds, bundle of 10 for \$1.25; 100 for \$10.00; 1000 for \$90.00. The varieties: Alfred Colomb, Capt. Christy, Duke of Edinburgh, Fisher Holmes, Gen. Jacqueminot, Gen. Washington, John Hopper, La France, Mabel Morrison, Baroness Rothschild, Mme. Gabriel Luizet, Magna Charta, Margaret Dickson, Mrs. John Laing, Paul Neyron, Perle des Blanches, Prince Camille de Rohan, Ulrich Brunner, Clucas & Boddington Co., 342 West 14th St., New York.

Rose cuttings. American Beauty, \$3.00 per 100; \$25.00 per 1000. Kaiserin and La France, \$2.00 per 100; \$17.50 per 1000. Bride, Bridesmaid, Meteor and Perle, \$1.50 per 100; \$12.50 per 1000. All rooted cuttings sold under the condition that if not satisfactory they are to be returned at once and money will be refunded.

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Being all sold out of grafted plants of Liberty rose, I hereby announce that after Jan. 8th, 1900, no more order for grafted plants can be taken for this year's delivery. Only a limited supply of our own rooted plants left to sell, prices of which, out of 2½-in. pots, April delivery, are as follows: 12 plants, 60c each; 25 plants, 50c each; 50 plants, 30c each; 100 plants, 25c each; 1000 plants, 20c each.

E. G. Asmus, West Hoboken, N. J.

Agents: J. C. Vaughan, Chicago, Ill.; J. N. May, Summit, N. J.; F. R. Pierson Co., Tarrytown-on-Hudson, N. Y.

Roses. For Spring Blooming. The proper sorts, Clothilde Soupert, Gen'l Jacqueminot, Coq. des Alps, La France, Coq. des Blanches, etc., fine 1 and 2 year field-grown plants, suitable for 5-in. pot, 5c.

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3½-in. Bride, M. Van Houtte, at \$4.00 per 100. 2½-in. Bride and Maid, C. Soupert, Yellow Soupert, Hermosa, Mrs. De Graw, Yellow Rambler, Crimson Rambler, and a general line of good roses, in 2½-in., at low prices. Cash. National Plant Co., Dayton, O.

Bride, Bridesmaid, \$3.00 per 100; 3-in., strong, \$5.00 per 100. Hermosa, Soupert, \$4.00 per 100. Monthly, in variety, \$3.00 per 100. H. P.'s such as Jacque, Dinsmore, Paul Neyron, \$5.00 per 100. H. P.'s in var., \$4.00 per 100.
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Large, strong, thrifty two-year field-grown roses, 75 varieties. We need the ground they occupy, and will sell very cheap. Write for prices. Juniata Rose Farm, P. O. Box 187, Atlanta, Ga.

Rose bushes. Field-grown. Own root. Tender and hardy sorts. Send us your list of wants for pricing. The Howland Nursery Co., Los Angeles, Cal.

50,000 standard roses, rooted cuttings, \$12.50 per 100. 500 roses, 2 year's old, \$5.00 per 100 (half value). Cash.

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Manetti stocks for fall delivery.
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Grafted Roses, price list ready.
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CLASSIFIED ADVERTISEMENTS—CONTINUED.

SEEDS—Continued.

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Special seeds for the florist and gardener. Send for wholesale catalogue. Johnson & Stokes, Philadelphia, Pa.

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Strong, 2½-in., \$1.50 per 100; 2-in., \$1.00 per 100. Seedlings, big, bushy plants, fit to plant right out, 50c per 100; \$4.00 per 1000, delivered. Cash. South Side Floral Co., Springfield, Ill.

String your Smilax with Meyer Green Silkaline. Send for samples and prices. John C. Meyer & Co., Mfrs. and Wholesalers, 87 Summer St., Boston, Mass.

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Vincas, center of foliage yellow, 2½-in., 50c per doz.; \$3.00 per 100. C. Lengenfelder, Elgin, Ill.

Vincas, rooted cuttings, \$1.50 per 100; \$12.50 per 1000. Greene & Underhill, Watertown, N. Y.

Var., strong field clumps, \$4.00. R. C., \$1.00 per 100. Cash. Dann & Son, Westfield, N. Y.

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Single white violets, clumps from open ground, \$5.00 per 100. California, clumps, \$4.00 per 100. C. Elsale, 11th & Jefferson Sts., Philadelphia, Pa.

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The Van Reyper Perfect Glaziers' Points. No rights or lefts. Price per box of 1000, 60 cts; by mail, 75 cts; in lots of 5000 by express, 55 cts per 1000. Henry A. Dreer, 714 Chestnut St., Philadelphia, Pa.

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We make special greenhouse putty. Price on application. Lord & Burnham Co., Irvington-on-Hudson, N. Y.

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Tobacco stems, \$1.00 per 100 lbs. Tobacco dust, \$2.50 per 100 lbs. Rose Leaf Extract of Tobacco, Nikoteen, Nicomite. Send for prices on large quantities.

McKellar & Winterson, 45, 47, 49 Wabash Ave., Chicago.

Nikoteen. Does not injure the most sensitive plants. Endorsed by prominent florists. Used for fumigation or spraying, indoors or out. 200 lbs. of tobacco in one pint of Nikoteen. Sold by seedsmen. Circular free.

Skabeura Dip Co., Chicago.

Tobacco Stems, bales, 200 to 500 lbs., 70 cents per 100 lbs. Tobacco Dust, packed in 25, 50, 100 and 250 lbs., 2 1/4 cts per lb. U. Cutler, Ryerson, 110 Third Ave., Newark, N. J.

Nicomite (patent) Vapor Insecticide. A certain killer of insect pests. Sold by seedsmen. Tobacco Warehousing and Trading Co., Louisville, Ky.

Tobacco stems for florists, \$1.50 per bale of 200 to 250 lbs. Fresh and clean. P. C. Fuellweiler & Bro., 927 Sansom St., Phila.

PIPE AND FITTINGS.

Wrought iron pipe, valves, fittings, etc., for steam and hot water; rubber hose, pumps and well points.

Wm. H. Kay, 42 Dey St., New York.

Full line of Pipe and Fittings. Send for latest prices. S. P. Conkling, 20 East Atwater St., Detroit, Mich.

Iron Pipe and Fittings for florists. The Kelly & Jones Co., 311-315 First Ave., Pittsburg, Pa.; 104 John St., New York; 48-50 N. Clinton St., Chicago.

Iron Pipe and Fittings. Rundle & Spence Mfg. Co., 63 Second St., Milwaukee, Wis.

Pipe and Fittings. Hoffman & Billings Mfg. Co., 96 Second St., Milwaukee, Wis.

POTS.

Standard Flower Pots. Our pots are of the best quality. We ship all goods from Cincinnati, guaranteeing lowest freight rates and prompt delivery. Write us before placing your orders elsewhere.

Cambridge Tile Mfg. Co., Covington, Ky.

Standard Pots. We are now ready to supply a superior quality of Pots in unlimited quantities. Catalogues and price-lists furnished on application.

A. H. Hews & Co., North Cambridge, Mass.

Standard Flower Pots. If your greenhouse are within 500 miles of the Capitol, write us; we can save you money. W. H. Ernest, 28th and M Sts., N. E., Washington, D. C.

Flower Pots of all kinds. Standard Pots a specialty. List and samples free. Swann Pottery Mfg. Co., Box 73, Minneapolis, Minn. Factory, Marshall & 25th Ave., N. E.

Flower Pots. Before buying write us for prices. Geo. Keller & Son, 361-363 Herndon St. (near Wrightwood Ave.), Chicago.

Red Standard Pots, wide bottoms, well burned and porous. Reduced prices. Harrison Pottery, Harrison, Ohio.

Flower Pots. Missouri Pottery and Mfg. Co., 1216 W. 8th St., Kansas City, Mo.

For the best Plant Tubs, address Mann Bros., 6 Wabash Ave., Chicago.

SPHAGNUM MOSS.

We are headquarters on Sphagnum. Just received several carloads.

Per Bale, \$1.00.

Six Bales, \$5.00.

Ten Bales, \$7.50.

Write for prices on large quantities.

McKellar & Winterson, 45, 47, 49 Wabash Ave., Chicago.

TEMPERATURE REGULATOR

Your greenhouse should be protected from over-heating and from chilling. We can do it to your satisfaction and at a small cost. Send for testimonials.

Wilder Mfg. Co., Springfield, Mass.

To introduce my alarm safety lounge to until Feb. 1, 1900, allow a discount of 25 per cent. upon same. Write for particulars. L. Ederer, 30th and Bristol Sts., Omaha, Neb.

WAGON HEATERS.

The Lehman heater is the best. Write for particulars. Lehman Bros., 10 Bond St., New York City, or Jas W. Erringer, 297 Wabash Ave., Chicago.

The Florists' Manual, by William Scott, is a whole library on Commercial Floriculture. Send in your order now. Florists' Pub. Co., Chicago.

WIRE WORK.

C. A. Kuehn, 1122 Pine St., St. Louis, Mo., manufacturer of the Patent Wire Clamp Floral Designs. A full line of supplies always on hand. Write for catalogue.

We are Headquarters for Wire Work. McKellar & Winterson, 45, 47, 49 Wabash Ave., Chicago.

Reed & Keller, 122 W. 25th St., New York. Manufacturers of Wire Designs.

PITTSBURG.

Cut flower trade keeps up pretty well since Christmas, though prices are down some, especially on carnations. They don't sell out as clean as they should, \$10 to \$20 per 1,000 for standards, up to \$4 per 100 for fancies, are the prices. But the carnation seems to have lost beauty since Christmas; whether it is that they were forced some, or because we cannot get Christmas prices for them now.

Roses are not overplentiful, especially good Beauties. Harrisli are coming more freely, but the disease has shown itself more and more the last six weeks.

Burki is sending in lots of free-sias and some fine Meteors. Romans and paper whites are still not wanted.

An Elaborate Decoration.

The heads of the Carnegie Steel Co. had a dinner at the Schenley Hotel, Saturday, for which Messrs. Randolph & McClements put up a very swell decoration. Peach trees in bloom screened the musicians, orange and pear trees in fruit, a bed of 2,000 red tulips, a bed of 500 Harrisli, with a large palm in the center, were some of the features of the decoration. Everything appeared natural and represented a Japanese garden illuminated with Japanese lanterns; no other lights were used. Forty cases of southern smilax were used. The Pittsburg Cut Flower Co. supplied the decorators with the material.

Randolph & McClements certainly seem to have the facilities for handling swell decorations—the stock, the

experience, and the men. Passing their store, which they rebuilt last summer, you can see their vans and rubber tired wagons lined up to receive their loads, everything in the best of style.

We have had quite a cold spell lately, and with the trust making the price of coal, the pile seems to disappear twice as fast as usual. Have heard that one of our florists had to get water into his boiler with the watering can, one day lately, on account of city water works being partly shut down. When will the florist learn to forestall such vexations.

BAER.

SAN FRANCISCO.**The Market.**

Trade on New Year's day might be compared with a good Saturday's business. However, everybody was so well satisfied with their Christmas sales that no complaint could be heard anywhere. Potted plants were in better demand than on Christmas day, quite a lot of lily of the valley and Roman hyacinths in pots being sold. Roses and carnations are coming in to the market in better shape and are expected to improve right along as season advances. Violets are also improving in quality and quantity and sell at the old prices of \$1 per doz. for Princess of Wales and 75 cents for California; Swanley white and Marie Louise, 75 cents and \$1 per dozen bunches. Lily of the Valley is becoming more plentiful and is nicely grown. Roman hyacinths are of good quality and bring 20 and 25 cents per dozen. White chrysanthemums are still being brought in by the Chinamen and a supply of them can be seen at most all the stores.

Notes.

The window display at Pellicano's on Kearney street, was extra fine on New Year's day. One window given over to Siever's carnations in variety and banked with poinsettias made a fine show of the divine flower. The other window had a bank of roses; among them were some extra fine Bridesmaids and Carnots, edged with Lily of the Valley. Altogether, both windows were catchy and extremely pretty in appearance.

Some nice Primula Forbesi in 4-inch pots is on sale at a few stores, but goes slowly. Buyers admire its dainty little flowers, but stop when 50 or 75 cents is asked for a plant in a 4-inch pot. In a cut state it fares in the same way. The ladies expect to get as much of it for 10 or 15 cents as they would violets. It will never do for this market. What a pity! J. N.

PEORIA, ILL.—Charles Loveridge did a big Christmas business and had a fine cut of good stock from his own houses in North Peoria. He has a city store at 321 Main st.

BUFFALO.

Directly after New Year's business came down with that horrible soft thud that has left us flabby and mushy. It is quite down to the normal, and in fact almost the abnormal on the wrong side, so it is no use going into any description of business. The supply is on the increase and prices are reasonable. We expect very soon that there will be a flood of violets. Since New Year's day the market has been what anyone but an Esquimaux would call ideal weather, charming for the plants under glass, to the poor man minus an overcoat, or the coal bin. Even Mr. Zimmerman's turkey seems to enjoy it, for his cypress tail is taking on a more amorous color.

Mr. Zimmerman's place has been so well advertised of late, both in the trade and daily journals, that the public fully expect Mr. Zimmerman to mount his turkey and parade the streets on Washington's birthday. The motive power that inspires this wonderful advertising will be fully capable of imparting locomotion to this extraordinary ornithological monstrosity.

Mr. Joseph Rebstock was the only one who had to resort to an annex during the holidays and possibly Joseph would not have bothered about it but there happened to be a vacant store within twenty feet of his own.

Mr. S. A. Anderson has put in a very fine floral refrigerator; you cannot any longer call these elaborate and beautiful receptacles for flowers "ice boxes." Savie tells me that this costly adornment to his store is not so much the result of profits of his business as his savings by stopping home nights during the nine or ten months of his married life.

Palmer's store is particularly bright these days. Few stores in the country have a brighter or more attractive appearance. There is something clean, bright, novel and catchy every succeeding day. It is not the mass or wealth of flowers that produces this effect, but the genius of "the way in which it's done."

Schwert & Bernart of Checktawaga, are sending in some very fine primulas these days and there is a lot at Cold Springs also of more than ordinary merit. They are an inexpensive plant, but they suit the public well, and large quantities are sold. Plants will soon begin to be asked for by a large number of people, not for presents, but for the sake of having them in their homes.

Buffalo has taken a sad drop in sports and it looks at this writing as though we would not even have a team of bowlers in New York, which will be the greatest tournament in the history of the society. They are a poor lot of sports here and little of the fraternal feeling. The defeat at Detroit last summer broke their heart; but that is not all—it drove one into politics, a much worse game to combine with business. Another elongated youth gets disgusted with the

play of his team. An older man is afraid he is only good for a friendly game on the alleys he knows, and suffers with stage fright at John Westcott's peculiar rooting tactics. Another bald head finds the weight of the pen more congenial to his declining muscle. And a large number of young men who could hold up the credit of our club are either so keenly following the scent of the dollar or the admiration of their young wives that not any hour can be spared for a game of bowls. Chicago is bowling mad, not the florists particularly, but all classes; thirty or forty leagues, three or four hundred alleys and ten thousand bowlers. For once Buffalo was ahead of Chicago, for we had the epidemic four years ago. Every corner had a bowling alley, but never in such fast numbers as Chicago, because, as the man said who stuttered worse in New York than he did in Washington, it's a la-la-lar-larger place.

W. S.

DENVER, COLO.

The following scores were made Jan. 2, 1900, by the Denver Florists' Bowling Club:

	1st.	2d.	3d.	av.
Robt. Kurth	204	194	186	195
John Berry	122	208	222	184
Chas. Franz	200	181	155	179
Al. Mauff	194	174	133	167
Ed. Emerich	125	176	177	159
Chas. Mauff	143	160	154	152
John Ferriss	134	156	151	147
Ed. Grey	164	168	99	144
Geo. Zimmer	154	123	156	144
A. A. Benson	136	147	148	144
Geo. Brenkert	131	133	122	130
Ed. Johnson	122	100	136	119
Wm. Donnan	106	119	111	112
Burt Humiston	88	85	69	81

G. A. Z.

CLEANING GLASS.

I notice one of your correspondents wants to know what will take the dirt from his glass. Soft soap vigorously applied with a broom with help him out.

W. L. SMITH.

IF YOU HAVE any surplus stock to sell offer it in our classified ads. The cost is slight and your offer will come under the eyes of all possible buyers.

GOLD FISH and
AQUARIUM SUPPLIES.Send for
Price List.KEENAN'S
SEED
STORE.6112 and 6114
Wentworth Avenue,
CHICAGO

Mention The Review when you write.

FOR INFORMATION of real practical value The Florists' Review stands decidedly at the head.

WANT ADVERTISEMENTS.

Advertisements under this head 10 cents a line, an average of seven words to the line.

FOR SALE—Cut flower store worth \$200; will sell for \$75 cash, on account of sickness; good design trade; call at once. 124 E. Chicago Ave., Chicago.

FOR SALE—First-class well established florist business, located in Western Iowa, in live city of 5,000 inhabitants, and fifteen thriving cities within 40 miles; good R. R. connections; good home market, good shipping trade, no competition; six large houses, all new, in heart of city; full of stock in excellent condition; will be sold very reasonable if taken at once; good reason for selling; do not write unless you mean business. Address Iowa, care of Florists' Review.

WANTED—A first-class, all around greenhouse man; state experience as propagator and potter. Write Geo. A. Kuhl, Pekin, Ill.

WANTED—Young man, one who has had charge of section rose houses under foreman; salary \$20.00 to \$25.00 per month, board, etc. Address B. P., care of Florists' Review.

WANTED—Young man to do general greenhouse work; \$12.00 per month, board, etc. Address 15, care of Florists' Review.

WANTED—Young man with some experience in rose and carnation growing and general florist's business. Address Pixley, care Florists' Review.

SITUATION WANTED—As foreman of good sized establishment near Chicago where merit and successful work will be appreciated; either cut flower growing or general stock; salary \$75.00 a month. Address A. M., care Florists' Review.

SITUATION WANTED—An experienced grower of roses, carnations and general stock to take charge of commercial place and section; well recommended. Address J. C., care Florists' Review.

WANTED—Situation by all-round grower to take charge; state wages; references. Address Grower, care of Florists' Review.

...FOR SALE...

Three greenhouses, 20 x 80 ft. each, in good condition, steam heat. Houses to be taken off the place after spring trade is over. Good stock of plants on hand. Will sell very cheap. Write for particulars. John Lieber, Maryville, Nodaway Co., Mo.

NIKOTEEN

IT COSTS 4 CENTS FOR EACH 600 FEET OF
FLOOR SPACE

DOES NOT INJURE THE MOST SENSITIVE PLANTS—ENDORSED BY PROMINENT FLORISTS—USED FOR FUMIGATION OR SPRAYING INDOORS OR OUT—200 LBS. OF TOBACCO IN THE ENTIRE TONNAGE—SOLD BY SEEDSMEN—LITTELL & FREE—SKABCURA DIP CO. CHICAGO.

Kill AND SAVE THE BLOODS Bugs!

QUICKLY DOES IT.

Mention The Review when you write.



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233 MERCER ST., NEW YORK

GREENHOUSE BUILDERS

Hot Water Boilers, Pipes, Fittings
Sewer Pipes, Cents for Catalogue, and Ventilation Apparatus

OTAHEITE ORANGES.

S. S. P. asks: By what method can these plants be grown into good shapely plants for Christmas trade?"

If you have any plants left over that lost their fruit or did not sell, keep them cool till middle of March, then shorten back the shoots and start growing in a warm house and give them plenty of syringing. They will make a growth and flower. You can withhold syringing while in bloom. After the fruit is set they can be plunged out of doors, but look out for prolonged rains. A safer place would be a light house where they could be shaded from the hottest suns and be given the fullest ventilation.

These are now imported at very low cost from Belgium, but there is a great likelihood of the fruit dropping. They seem to have also lost their hold on public favor and are one of the things that did not go at Christmas like the famous "hot cakes."

W. S.

"CHRISTMAS TREE ASTER."

This is the name given to a novelty in asters offered by F. C. Heinemann, Erfurt, Germany, in his latest trade offer of novelties. The name is given "on account of the branching habit, much resembling the regular arrangement of the twigs on a fir tree." And a half tone engraving from a photograph of a pot plant bears out the description.

How much more confidence a half tone from a photograph gives one than the average catalogue drawing or wood cut! And we will say for Mr. Heinemann that the colored plate which is mailed with his list is a fair reproduction of the photograph so far as habit and freedom of bloom is concerned.

But the point we wish to now make particularly is that novelties should be illustrated by half tone engravings from photographs, and not from drawings that may or may not improve (?) on nature. We have been told that very often this is impossible because the grower has not yet any specimen in condition to do the novelty justice, and to do it justice an artist must be employed to show "what it will be like when fully developed." There is only one answer to this, and it is that there is no excuse for the dissemination of a novelty of which the originator has not yet secured a perfect specimen. We can afford to wait; and it will be better for the reputation of the originator if he would do likewise. We do not care to share his dreams until they are fully realized.

But we must be cautious in accepting all half tone engravings as being made from photographs of the objects. We have noted during the last year or so a number of illustrations of plant novelties that were in half tone but which were made from wash drawings instead of from photographs, and in some of these the "artist" had allowed his imagination to riot as exuberantly

as in the old line drawing or wood cut.

There is a marked difference though between a plate from a photograph and that from a wash drawing when they are closely examined. A sharp scrutiny will quickly show that in the wash drawing there is a regularity of form in the flowers, a positiveness about the strong lines in the foliage and a general stiffness that is not to be seen in the plate from a photograph. The hand of man is not cunning enough to accurately depict all the little natural peculiarities of foliage especially, and herein lies the safeguard against being misled by a wash drawing, though at first glance one might think a photograph had been used.

THE WINTER BERRY.

Referring to the Black Alder, or Winter Berry, I notice the following item in your Florists' Review:

We understand, though, that the berries are of little value after severe winter weather sets in and that the large supply in the market this year is due to the remarkably mild winter up to this time. Could not this difficulty be overcome by cutting the branches after the first frost and storing away in a cool but frost-proof cellar or root house? We would be pleased to know whether this has been tried.

Yes. Gather the berries by breaking off branches as soon as the leaves fall, and put stems in water in a cool, damp place. They keep a long time.

W. F. HEATH.

Jaffrey, N. H., Jan. 2, 1900.

PRICES OF GLASS.

A subscriber writes: "Give us a little light on the prices of glass in your paper. Am sure I am not the only one who would be interested."

We can readily understand that "light" would be desirable, but the situation is one that is difficult to describe in a way that will stand good by the time it is put into type.

Dealers will not make definite quotations because they are at the mercy of the combination and the price to the dealer may change before he can be sure of the glass with which to fill orders. And dealers report very little glass of the greenhouse sizes in the market.

The recent big cut in the price of glass was evidently made for the sole purpose of forcing into the combine the manufacturers that were still outside. It was purely a "war measure," and was not intended to increase sales.

The nearest approach to a quotation that we could secure last Monday was: 16x24 AA, \$4.56 per box; same size A, \$4.20; same size B, \$3.92. These figures were not definite, but were given as "about the present market." Dealers say they have been unable to accept recent large orders offered them because they were unable to place them with the manufacturers on a satisfactory basis. They attribute present conditions to the labor situation as regards glass work-

ers, but we think this statement can be taken with a rather large grain of salt.

What the outcome will be none can foresee. Dealers seem to generally believe that prices will soon advance. It will evidently depend upon how stubborn the independent manufacturers prove to be. Even lower prices may result before the war is over, but they are more likely to be higher than lower unless the combine should meet its Waterloo.

WASHINGTON.

There has been no business in the florists' line since the holidays. This, and a glut on the market, caused prices to drop out of sight the latter part of the week. Carnations were offered as low as \$10 per 1,000. The finest grade roses brought \$8; seconds and poor quality could not be sold at all. Romans and narcissus more slowly at 1 and 1½ cents each. Violets, 50 to 75 cents per 100. Good plants of any kind sell quite well.

From the announcements of many large state dinners and teas, the prospect for a good season is bright.

Visitors this week were: Mr. Eschner, of M. Rice & Co., Philadelphia, and Mr. Dreyer, of A. Herrmann, New York.

F. H. KRAMER.

WORCESTER, MASS.

The program of meetings for discussion during the winter season of the Worcester County Hort. Society has been issued. The meetings will be held each Thursday from Jan. 4 to March 15, inclusive. The list of subjects includes the following: "The Progress of Horticulture," "Why People Grow Flowers," "Arbor Day," "Budding and Grafting," "Home Grounds," "Relation of Good Roads to Horticulture," "Horticulture and Education."

Copies of the program may be obtained by addressing A. A. Hixon, Sec'y, this city.

MALTA, O.

W. C. Scovell reports a steadily increasing business since he commenced eight years ago. The past season trade has increased about 12 per cent, notwithstanding that most of his stock was sold at half price on account of his having to move the first of last April. He has built a very convenient house and uses gas for fuel. The gas costs him nothing, as he has a gas well on his land.

IF YOU don't find what you want in our classified ads. let us know about it. We will find it for you if it is to be had.

PLEASE SEND US a correct list of the names and addresses of the florists who receive their mail at your postoffice and thereby oblige.

THE FLORISTS' REVIEW

G. L. GRANT, EDITOR AND MANAGER.

PUBLISHED EVERY THURSDAY BY

THE FLORISTS' PUBLISHING CO.

520-535 Carlton Building, Chicago.

334 Dearborn Street.

Subscription, \$1.00 a year. To Europe, \$4.00. Subscriptions accepted from those in the trade only.

Advertising rates: Per inch, \$1.00; 1/2 page, \$13.50; full page, \$27.00. Discounts: 6 times, 5 per cent; 13 times, 10 per cent; 26 times, 20 per cent; 52 times, 30 per cent. Discounts allowed only on consecutive insertions. Only strictly trade advertising accepted. Advertisements must reach us by Tuesday to insure insertion in the issue of the following Thursday.

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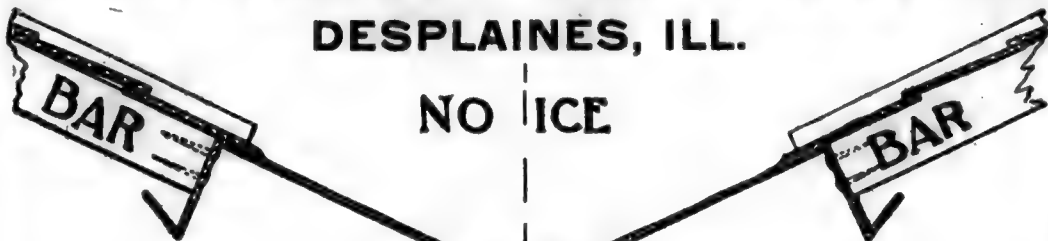
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DESPLAINES, ILL.



NO ICE

DO BENCHES OCCUPY ONLY TWO-THIRDS OF YOUR HOUSE?

BENCHES should occupy THREE-QUARTERS OF YOUR HOUSE.

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Do you WANT TO KNOW HOW TO SAVE 5 per cent. IN COAL, 10 per cent. IN COST of CONSTRUCTION and MAKE YOUR HOUSES LAST TWICE AS LONG? I WILL TELL YOU HOW.

TWO FEET SPACE UNDER GUTTER WILL NET YOU \$50.00 PER YEAR.

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...Electric... Temperature Indicators.

YOUR GREENHOUSE SHOULD BE PROTECTED FROM OVER HEATING AND CHILLING.

We can do it to your satisfaction at a small cost.

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Wilder Manufacturing Co., Springfield, Mass.

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JENNINGS.... IRON BENCH and..... GREENHOUSE FITTINGS...

No Threads. No Angle Irons. No Nails.

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Nursery Seed Florists' Catalogues

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HITCHINGS & CO.

233 MERCER ST. NEW YORK

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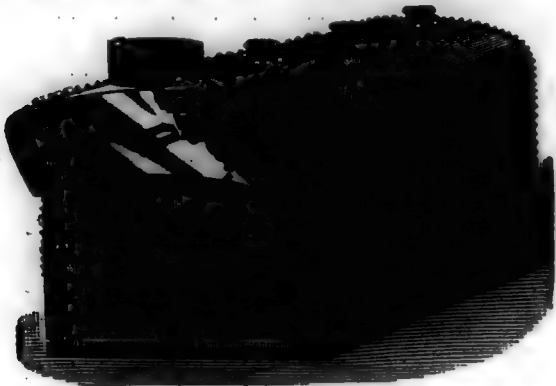
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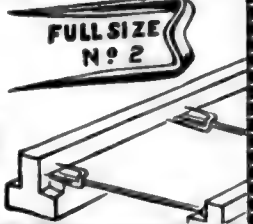
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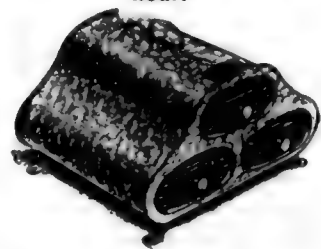
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FLORISTS' PUBLISHING CO., 520-535 Caxton Building, CHICAGO.

Vol. V.

CHICAGO AND NEW YORK, JANUARY 18, 1900.

No. 112.

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Criticism.

Once in a while and in a roundabout way we hear from a few who imagine themselves hurt by some criticisms in this department. We usually don't stop to notice such things, but in these particular cases we wish to express our sympathy for their illusions and ask them to look at things in the right light. This section of The Review was started to assist an immense part of the trade, and in particular to encourage higher standards in the finest of fine arts.

You will certainly agree that any art, no matter what section it belongs to, has come to its present state of perfection mainly by the prods of criticism. If you read the great dailies or magazines, you will find that names are mentioned and things are torn to pieces by critics, and you, in many cases, agree with them, especially as to the drama. But the critics in all ages have been a dreaded set, mainly because the vast majority of humanity can only smile in the sunray of praise. Florists as a rule are susceptible to praise; they anticipate it for almost everything they grow or arrange. We find no pleasure in disturbing their equanimity, but in some cases we look upon it rather as a duty. Friendship can never influence our pen. We feel that all are capable of doing better than they have yet done, and in order to spur them on, we shall not fail to condemn the bad and praise the good.

As an answer to our critique on "Art at Flower Shows," we have received assurances that many societies will provide for a better representation of floral arrangement at the shows this year; this is what is badly wanted, for the greatest crowd will always be found where decorative art is displayed; let us hope it will not be of any ordinary quality, such as one would hastily get up on an order.

Window Displays.

We regret to state that there is so much deserving criticism that we cannot find space enough for it—but here's a little more: Last week in a Broadway florist's window we noticed a large vase filled with artificial peach

blossoms; they were finely manufactured, and might deceive at a distance poor folks such as live down in the tenements where flowers are rarely seen. Now, would you want us to praise that window decoration? Well, we could not; we prefer to denounce every attempt to degrade our art, and we think the worst form of degradation is in trying to substitute artificial for natural flowers.

On the same day we walked up Fifth avenue and came to a florist's window displaying a sign, "Latest in Mantel Decoration." Well, although the mantel was almost entirely hidden with foliage, it would have been pretty only for the ugly, long looped bow of terrible colored printed millinery ribbon that hung at one side. If that is the "latest" in decoration, we wonder what will be "last." Ribbons of any kind are out of place on a mantel, especially as an adjunct to floral decoration.

You've seen the little "Lord Fauntleroy" boy with the broad sash bow hiding his face, or the ribbon-mad girl's house where it's on everything, even to the coal scuttle; well, they supply the models for some florists' designs. If the ribbon was self-colored it might pass in many cases, but it's the kind milliners refused to buy two years ago. But to return to this Fifth avenue window: it is prettily tiled in green (if the grey moss and violet boxes were hid 'twould be better), and there are some very attractive things often seen there.

Fleischman draws a crowd 'round his window. On a bed of smilax and ferns he has sixteen white doves; they are attached to a violet decorated chariot in which stands a pretty doll holding baby white ribbons that are tied to the doves; a concealed electric fan shakes the ribbons and gives a natural touch to the design. If the chariot were filled with blossoms and the doves were not so formally arranged it would be prettier. Small's showed a very handsome basket of cattleyas, and Thorley—the always beautiful—a vase of fine American Beauties.

Never were there so many fine carnations seen in the New York stores as there are at present; they form the

principal portion of most of the florists' window flowers. We will deal with them exclusively next week.

American Flowers Abroad.

We notice that our old and esteemed Chicago friend, Ess, sends a communication to the Florists' Exchange on American flowers in Europe. There is nothing very new in that; twelve years ago we frequently sent boxes of roses over to parties in London and Paris, and they were worn in fine condition there. They were slower boats at that time, too. We remember having a special zinc-lined box made for one young lady who visited Europe every year and insisted on having American grown roses to wear every day whilst crossing the ocean and the week after landing. We filled the box with Marechal Niels, Niphetos and Cusins, put the box in the ship's ice box, and the steward gave our customer fresh roses each morning. Flowers are now very often taken by passengers from New York to Liverpool and Southampton.

With the present quick steamer service it is a very easy matter to ship many kinds of flowers; arrangements can be made with stewards to have them cared for; and we look forward to the time when we will not only send exhibits of cut flowers over for European shows, but that we will at least supply traveling Americans with whatever flowers they may need, and that we shall also send flowers to European markets. Our American Beauties and extra grade carnations would sell well over there in winter. We may even yet open an American florists' store in London, and if it were run right there could be no doubt as to its success. You must know that they cannot grow fine roses in England during winter on account of fog, etc.; what they get now are mostly from the south of France, and we have often thought that if some grower would adopt the American system of culture, say on the Isle of Wight, to supply the London market, he might do better than in the close competition here.

Flowers in Market.

If you were to ask us what were the finest flowers obtainable in New York at present, we would say Cattleya Trianae. Thomas Young, Jr., sells those grown by Arthur Herrington, and Lager & Murrell have a fine crop coming in. These flowers are the gems of the market at present. Cattleyas and Farleyense may not be new, but they are very hard to beat for bouquets or table decoration. The darkest shades in cattleyas are the most popular with New York ladies.

We are afraid that the clumsy, heavy bridal bouquet has resulted in the death of that very important part of our trade. As in many other sections, it has been overdone, and the florist is mostly to blame. There is just a chance to succeed in reviving the custom, and we ought to study it. Of course, the finest bridal bouquet that you can make is that of white orchids, and they are rather scarce just now.

There are a few *Dendrobium formosums* still on the market, a very limited quantity of *Laelia albida*, possibly a little *Coelogyne cristata*, *Odontoglossum crispum* and *Phalaenopsis amabilis*.

When making up your bouquet, it is best to have variety, for one kind of orchid is apt to arrange awkwardly and be less handsome than one with a cluster of orange blossoms, valley, or some other choice white flower. You know the sectional bouquet in which a ring was tied to foretell the receiver's wedding is seldom made nowadays, because it caused too much jealousy and quarrelling as to who should get the lucky section. Gardenias are getting to be more plentiful and are fine for bouquet, corsage spray or button-holds.

We regret to see that the *phalaenopsis* is becoming rarer every year and that they are seldom seen even in private orchid collections, never in the cut flower market. Growers tell us they are too difficult to grow, others that some form of disease has almost wiped them out; whatever the cause, their non-appearance on the market is to be deeply deplored. Of all the choicest of flowers in cultivation we consider many of the varieties of *phalaenopsis* the most beautiful; they are by far the finest material for spray bouquets and numerous forms of decoration. We would appeal to retail florists to give a good price for them whenever it is possible to purchase them, in order that some encouragement may be given for their more extensive cultivation.

The retail cut flower trade is badly in need of a larger white rose than the *Bride* or *Kaiserin*. We remember years ago that the "*Puritan*" promised to supply this want; whenever it could be got in good condition high prices were obtained for it. A preponderance of bullheads was given as a reason for discarding it; may not this fault be a result of poor cultivation? We remember how *American Beauty* in its early days was kicked about and ignored, and this rose even today is as far from being understood as it is from the zenith of its glory. We look back with fond recollections to the days when *Cornelia Cooks* were grown to perfection by Littlejohn, of Chatham. There never was, nor has there since been, a white rose to compare with it; we can never forget how grand they were, especially when with sprays of foliage, and often we got as high as \$6.00 and \$9.00 per dozen for them through the winter season; we believe it could be repeated today were they grown so finely.

We have arrived at a most peculiar, nay, critical stage in floriculture; the greenhouse is put on a level with the machine furnished factory. We seem to say to a plant, "Now, rascal, produce just so many blooms, or we'll disown and despise you." The gardener of today is but an engineer whose oil-can is filled with physic. The trend of

higher cultivation seems to lower our standard of appreciation. The broader our views the narrower our selection. Under the veil of business people perpetrate many crimes, and there are none so blind as those who see and yet ignore the inevitable. 'Tis quite true that those who excel in growing certain grades of stock are making money, those who attempt to follow and fail had better be working for others or go into some other line of trade.

If you wish to study the present condition of the cut flower market read the trade reports in the papers, or stay, go out to Madison, N. J., and investigate the rose question of today as we have done. You will find that of the one million square feet of glass devoted to commercial floriculture in this township alone, not 5,000 square feet is given to the cultivation of any rose other than *Beauty*, *Bride*, *Mald* and *Meteor*. Our business cannot exist much longer on this plan of everyone growing the same variety of flowers, simply because they can produce so many of that particular kind, because the market conditions of the future will be far worse than they are today, and only a greater variety of flowers will prevent a stunted state of trade.

The average grower of today is too slow to recognize this, and the only relief we see is to get successful retailers to have certain novelties and lines of stock specially grown for them. To be able to control the sale of a house, or even a bench of some beautiful rose of a variety which cannot be got on the market means a great deal to any florist with a large trade. We look for this in the near future, and with it not only the advent of numerous new flowers, but a reappearance of many of the gems of fifty years ago. IVERA.

THE COUNTRY FLORIST AT CHRISTMAS.

Mr. Editor: I note in your paper that the plant trade at Christmas time is growing all over the country, and some claim that it is on account of the high prices asked for cut flowers.

I will endeavor to show you how the country florist does it at that particular time. The florist in a small town will have from 5,000 to 10,000 feet of glass. He will have about 500 tea roses on the bench, about the same of carnations, and the rest of his houses in general stock. Of course he has to depend on the city for his cut flowers, but as there are no nabobs in our small towns with "money to burn," it is an uphill business to sell cut flowers at three prices.

This is the way it works in a small place: A lady steps into your place and says: "Good morning, Mr. S." "Good morning, lady." "Give me a dozen carnations." "Yes, ma'am." I wrap them up and hand them to the lady. She says, "How much?" "\$1.50." "What! Why, I paid you only 50 cents last week for the same carnations."

"Yes; but this is Christmas." "Oh! Well, it don't cost any more to grow them now than it did last week." "But, you know, there are not enough cut flowers to go around for Christmas." "Well, I'll not take them at that price." "Well, then, why not buy this azalea at \$1.50? The price is just the same as last week." "Well, I'll take that." "All right."

Next customer: "Got any roses?" "Yes, ma'am." "How much are they?" You answer, \$2, \$2.50, or \$3, as the case may be. "Oh, they are so much higher than you charged me last week." "Yes; but this is Christmas. Do you want something for a present for a friend?" "Yes, sir." "Why not buy this nice *incarnata begonia* at \$1? It will outlast the roses." "I'll take it." With the next customer it will be about the same way.

To the country florist I would say: Work up your plants and have them ready for Christmas. Have your primroses, cyclamen, Boston ferns, *begonias* (*incarnata* is the best I know of—*Lorraine* is a dandy if you can grow it), your palms, *araucarias*, etc., in shape, and see how well you will get through Christmas time without making your customers mad, and you certainly want them another day.

I do not say that cut flowers should not be higher at Christmas, but I think all will agree with me that it is better for the country florist to please his customers, and this, I find, is the way to do it. But he must have the cut flowers, too, as about one in ten that comes in will buy them even at prices asked, and he must please that customer as well as the others.

A great point in favor of plants is that if you don't sell them they will last till another day. And of the amount you receive for them you don't have to send the bulk of it away, as you do when you buy cut flowers. S.

BENCH OF POINSETTIAS.

The bench of these gay plants contained some 800 pots, mostly 5-inch. A few hundred 4-inch pots, as well as several dozen 10-inch pans, in which were six dwarf plants, do not show in photograph, being too near the camera. Those shown were a very even lot of plants, averaging 18 to 24 inches in height. The bracts were from 15 to 18 inches across, and as the pots were stood closer than that a view of them was just a sheet of scarlet. I have never succeeded better in keeping their foliage perfect to the pot. There was scarcely a yellow leaf to be seen in the whole lot.

You can grow larger flowers by planting them out in 5 or 6 inches of soil in a light, warm house, but as a cut flower they are not a success. They will wilt. Ninety per cent of these plants sold in pots, and of the pans many more could have been sold. It is just about 28 years ago since I first grew them in this city and looked for a market in New York, but there seemed very little demand for them. We have continued to grow them



Bench of Poinsettias at Wm. Scott's, Buffalo, N. Y.

yearly as a Christmas plant, but it seems that in many cities they are grown in very limited quantities. At last we believe they are coming to the front and next year will see everybody wanting to grow some.

They are with us the ideal Christmas plant and there is nothing in the whole field that harmonizes so well with the scarlet berries of the holly. We tried 5 or 6 plants in large baskets with Boston fern, nothing else to mar the effects of the scarlet and green except a ribbon the same shade as the poinsettias, and although they were more in the style of a Thorley or Galvin article they outsold anything we had. The poinsettia (properly *Euphorbia pulcherrima*) is very easy to grow after you know how.

The bench of plants shown in the photograph were under the exclusive care of W. Belsey Scott, which goes to show that proficiency at bowling is compatible with faithful attendance to your work. A remarkable instance of this mingling innocent recreation with business is the extraordinary skill of Edwin Lonsdale with the fowling piece—but there is nothing foul on his American Beauties.

Poinsettias are too often seen with long, bare stalks. In this shape they are by no means attractive, but when dwarf with finely developed bracts and

perfect foliage they are the ideal Christmas plant. In a warm house you cannot fail to get something that bears the name of poinsettia, but to have such a lot as those illustrated there are a good many points to observe. I think a rather explicit account of their culture will be found in Scott's "Florists' Manual." W. S.

ROSE NOTES.

The days are beginning to lengthen and the roses will need feeding. For this season of the year manure water applied with the hose is by far the best method. Place your tank for manure in a position where the temperature can be kept at 55 degrees, fill with manure and run water on, allowing it to stand until it ferments; then draw off the liquid into a catch tank, from which it is to be pumped into the pipes, and then temper it as to strength by adding clear water if it is found to be too strong. It is much the better for the plants to apply this fertilizer weak and often than in strong doses.

Be careful not to get the ground soggy, as we are likely to have a continuation of the present cloudy weather for some time yet, and if too wet the foliage will surely assume that yellowish appearance that indicates the plant is not in perfect health.

Keep close watch of the propagating bed, and if there is a spot of fungus shows, get rid of it at once. I have frequently watered sand with the ammonia and copper solutions with excellent results. Also have sprinkled the cuttings after they were inserted, without any harm being done to the foliage. Fungus is not likely to appear, however, if ventilation is properly attended to and the sand kept at the proper temperature.

Now that other work connected with the coming spring business may crowd upon you, don't neglect the roses if you expect to continue cutting blooms from them. Be just as careful to keep benches clean and stems tied up as you did early in the season; hire more help if necessary, but don't neglect that from which you expect to derive revenue. A. O. T.

FOUR KINDS IN ONE HOUSE.

I want to know what four sorts of roses would grow best in one house; colors, white, red, pink, and yellow. SUBSCRIBER.

The four varieties of these colors which are usually forced now are Bride, Meteor, Maid and Perle.

Bride and Maid require precisely the same treatment, while Perle should

have a few degrees more heat (63 degrees), and Meteor should have 70 degrees at night, so "Subscriber" can see that the available roses of colors named are not likely to attain their full protection in same house.

I would advise him to run a partition across his house and plant Maid and Bride in one division, and Perle and Meteor in the one which may more easily have enough pipe added to raise

it to the right temperature for Meteor, and plant the Perles with them, as they will suffer less from the high temperature than Meteor will from a lower one.

The new rose Liberty is said to do well in a low temperature. When it is disseminated, "Subscriber" may find in it a rose that will suit his available conditions.

A. O. T.

MISCELLANEOUS SEASONABLE HINTS.

Cyclamen.

This is not the time of year that cyclamens are usually neglected. It is later when the rush of spring is on. Just now if they are early they will be in 2-inch pots, and if later some perhaps in flats. Remember that they should be kept growing along in a warmer temperature than you would give the flowering plants; about 60 degrees at night is right, with full light and regular fumigating. Never let them get parched for want of water, and the soil should be a good loam with at least one-third of leaf-mould.

Chrysanthemums.

You too often see the stock plants of chrysanthemums stood down beneath a bench and allowed to make a weak, spindling growth. If you don't want to begin propagating yet, the plants, if they are expected to make good cuttings, should be given a light, cool corner somewhere on the place.

If short of any good variety begin to propagate at once. Cuttings rooted now and grown on with liberal treatment will give you several cuttings between now and June, and if there is any standard variety that you have to buy do so at once and then you can much increase your stock. Above all, don't discard any variety that has done well with you and paid you simply because you have seen finer flowers of other varieties at some show. If Mrs. Bergman, Ivory, Yellow Queen, Golden Wedding, Jerome Jones, Maud Dean, or any other good one, is easily grown by you, stick to it and try new varieties in limited quantities.

Coleus, etc.

Coleus and achyranthes are easily and quickly propagated. In fact, nothing so easy, providing you have the heat for the coleus, but you cannot propagate them all in the month of April, so you should begin to put in

batches of cuttings whenever you have them. That splendid variety that is invaluable to our foliage beds, Golden Bedder, has been struck with a disease in my locality, and it is ruination to them. I don't know yet what it is and have made no attempt at a cure. The shoots and midribs of the leaf are attacked with a rust and the plant dwindles away. Whole beds were destroyed by it last summer, and plants that showed no sign of it last fall have developed it in the greenhouse. Misery loves company, perhaps, but I hope this is quite local.

Don't bother with coleus cuttings that are either diseased or infested with mealy bug; it is too cheap a plant. Buy a clean stock of some cutting specialist.

Acalyphas.

It is a good time now to cut down the old plants of acalypha that you lifted in the fall. These, like the coleus, are tropical plants and must have a warm sand if you want a quick growth; and after the acalyphas are rooted they should have a warm, light house, a rich soil and plenty of syringing. When well and quickly grown the acalypha is a most ornamental plant, but when starved and runts they are anything but attractive.

Santolina.

If you lifted any santolina (a most useful carpet bedding plant) and sheared off the tops, they will now give you any amount of cuttings, which root in any cool sand. It is time to propagate, as they take some time to make useful sized plants. It is worth adding here that when April comes there is no place equal to the hotbed for the santolina. A month in there, as with the echeveria, is worth four months in the greenhouse, although they are a widely different plant.

Lophospermum.

I meant last week to mention the lophospermum. If you put in cuttings in the fall you are all right and can keep on increasing, but if you did not you should sow seed, as it takes a long time to make a plant that will be effective in a vase or veranda box. There are few of our summer climbers that are so effective and free growing as the lophospermum. The species that is known as maurandya is only useful for baskets and can be sown a month later; it is always raised from seed.

Petunias.

By the end of the month it will be time to sow petunias. There is always a good demand for these showy plants and with a yearly increased supply we always run short. Remember that for a bed the single is quite as fine as the double and much freer to flower. Buy the best strain you can and if you buy that sold as double you will get 60 per cent. single, and some strains even more. People like to see them in flower even if they are buying a hundred plants for one bed.

As the petunia is a cold-blooded plant at all times they should be grown cool. This is a plant I do not approve of putting in a hotbed; it produces a rank, soft growth; a cool, light house is what they want.

Any particular fine double variety that you are propagating by cuttings should be increased now and grown right along. Fine double varieties make nice pot plants in 4-inch pots and many are sold in our markets at 10 and 15 cents each, but I am more interested in the sturdy little plants that we sell in May at \$6 or \$7 per hundred for bedding.

Fuchsias.

This month is the latest that you can propagate the beautiful old fuchsia and make a good plant. Time was when we had varieties that we allowed to run straight up and they made shapely plants, but most all varieties are now best with one pinch of the leader so that they make several leads and are more compact. About 50 to 55 degrees at night grows fuchsias well, and at this time of year a light bench and syringing on fine days.

A fuchsia must be grown quickly or it is not worth growing at all, and the soil should be rich; two parts loam and one part leaf mould or well decayed refuse hops. The latter suits fuchsias admirably, and if the loam is not of the best and freshest add some bone flour to the compost.

WM. SCOTT.

CARNATIONS REGISTERED.

By H. B. McKnight, Jersey City, N. J.: Sir Thomas Lipton, color same as Scott, flowers measuring from three and one-half to three and three-quarter inches across, and with a calyx that

does not burst in any temperature, stems 18 to 20 inches long. A cross between Scott and Tidal Wave, resembling the latter in growth but taller.

By M. E. Kraus, New Haven, Conn.: "Elm City," color white, flowers large, finely shaped and with strong fragrance, petals heavy, of good substance and nicely fringed; calyx strong and never bursting; stem strong, holding the flowers erect. Plant a good grower, not making unnecessary grass, and now in its fifth year.

ALBERT M. HERR, Sec'y.
Lancaster, Pa.

THE LAWSON CARNATION.

Mr. Thomas F. Galvin, the Boston florist, reports that orders have been received for over 315,000 rooted cuttings of the famous \$30,000 Mrs. Thomas W. Lawson carnation. Considering the fact that it is barely three months since the announcement was made that the cuttings of this famous pink would be placed upon the market, the amount of the orders received to date is phenomenal. The plants will be ready for delivery after February 1st and it is advisable that those desiring the same, no matter how small their order may be, should forward the same to Thomas F. Galvin, 124 Tremont st., Boston, Mass., as soon as possible.

A LATE CHRYSANTHEMUM.

On January 12th we received from Mr. Ant. C. Zvolanek, West Hoboken, N. J., a bloom of his new pink chrysanthemum Miss Florence E. Denzer. Mr. Zvolanek says it is the last bloom of the season, and it certainly is late enough. The main crop was cut for Christmas, we understand, and a bloom of good size and color, such as this, is certainly a very desirable thing to have at that time. The bloom sent is over five inches in diameter, has a good form and the color is a very satisfactory pink. Of course its great value is in increasing the supply of bloom at the holidays. There is most decidedly a place for it on account of its season of blooming.

Mr. Zvolanek also sends us some blooms of several varieties of sweet peas that originated with him and that have proved especially desirable for forcing. One labeled "Christmas" was particularly attractive. It is similar to Blanche Ferry—in fact much like that variety when unusually well done—the shade of pink being very rich.

A white one, a seedling from Emily Henderson, was also extra good, and there were several variegated forms, desirable in their classes.

We have never before seen sweet peas so good as these at this season of the year, and we congratulate Mr. Zvolanek on his success.

SANDWICH, MASS.—Wm. C. Chipman is dead at the age of 75 years. He was the introducer of the well known pink pond lily.

ST. LOUIS.

Carnation Meeting.

The first meeting of the St. Louis Florists' Club in the year 1900 was held Thursday, the 11th, and it was the largest in attendance for some time. The attraction was our annual carnation meeting and the carnations on exhibition were the best we have ever had. The exhibit was staged in the center of the room as early as 2 o'clock. Though the meeting was called for 3 o'clock, the members began to arrive at 2, and when President Ammann called the meeting to order, 25 members were present.

The exhibition committee of the late show made a report and asked for more time to make collections; at the next meeting of the club they will be able to make their final report. The euchre committee made a report and was given full power to act, and the entertainment will take place some time next month.

Jos. Dickman sent in his resignation as a member of the club. Chas. Cannon, Sr., was elected a life member. Four new applications were received, as follows: J. W. Dunford, Central, Mo.; Henry Emundt, Belleville, Ills.; Prof. H. C. Irish, of Mo. Botanical Garden, and Henry Blixen, Edwardsville, Ill.

A communication from the Chicago Florists' Club was read announcing their annual carnation meeting for January 19, inviting St. Louis florists to make an exhibition.

A recess was called to inspect the carnations on exhibition. The president appointed a committee of three to act as judges. They were: E. W. Guy, of Belleville; F. W. Ude, Jr., of Kirkwood, and John W. Kunz, St. Louis.

The following well known firms from outside of the city made exhibitions: Richard Witterstaetter, Sedamsville, Ohio, staged Enquirer, a fine pink, Opal, shell pink, Estella, a good red, Rosamund, also a deep pink, and Elinore, a good white.

Fred Dorner & Sons, La Fayette, Ind., showed Morning Glory, light pink, which made a good impression; Mrs. Bradt, G. H. Crane and White Cloud.

Chicago Carnation Co., Joliet, Ill., had the largest display on exhibition and showed the following varieties: Genevieve Lord, G. H. Crane, Chicago (Red Bradt), Gen. Maceo, Gold Nugget and White Cloud. This display was admired by all.

E. G. Hill & Co., Richmond, Ind., had on exhibition a fine large red called Indiana; James Whitcomb Riley, on order of Armazindy, but much better; and Ethel Crocker, one of the finest pinks.

H. Weber & Sons, Oakland, Md., showed their famous Genevieve Lord, very fine; also seedlings, No. 110 of 96, good white, No. 115 of 97, fine pink, and No. 30 of 96, another good pink.

Among the home growers some fine

and well grown carnations were shown. Cannon Floral Co., Webster Grove, Mo., had Flora Hill, Red Jacket, America, Victor and Triumph.

A. Jablonsky, Wellston, showed some well grown Alaskas.

Henry Emundt, Belleville, staged White Cloud and Daybreak; both were well grown.

Frank Fillmore had a mixed vase of Flora Hill, Daybreak and Albertini.

J. F. Ammann, Edwardsville, showed a large vase of mixed and well known varieties that were very fine.

After a recess of thirty minutes the meeting was called to order and the judges made the following report:

On the exhibit of R. Witterstaetter: Enquirer, a certificate of merit; Estella, Elinore and Rosamund, worthy of mention.

E. G. Hill's exhibit: Indiana, a certificate of merit; Crocker, the best of pink, and James Whitcomb Riley, worthy of mention.

Fred Dorner's exhibit: Morning Glory, fine pink, Bradt, G. H. Crane and White Cloud, well grown.

H. Weber & Son's exhibit: Genevieve Lord, good pink; Seedlings, Nos. 30, 110, and 115, worthy of mention.

Chicago Carnation Co.: The largest display of well grown Genevieve Lord, G. H. Crane, Chicago, Mrs. Bradt, Gen. Maceo, Gold Nugget, and White Cloud; all worthy of mention.

Among the home growers, all varieties shown by them were well grown and made a fine display, and all were worthy of mention.

Mr. C. A. Kuehn was elected by the club as their purchasing agent for rooted cuttings and plants for the growers. The question of "Will we hold another Flower Show this year" will come up for discussion at the next regular meeting of the club, which will be held Thursday afternoon, February 8, at 3 p. m. The meeting then adjourned.

The Market.

The weather for the past week has been mild, cloudy and dark, with very little sunshine. Trade is a little better than the last report. Flowers are not plentiful, yet the demand is such that enough is on hand to go around. The rose stock is not overplentiful and the prices have gone down a little. Beauties sell at from \$25 to \$40 for the best. Brides, Maids, Meteors and Perles bring \$3 to \$6; few extras bring \$8. First class stock of these flowers is very scarce; the greater part of them are of the second choice order. Carnations were very plentiful the early part of the week and sold as low as \$8 per 1,000, but by the end of the week the price went up again to \$15. Daybreak, Scott, Flora Hill and Eldorado are selling from \$1.50 to \$2; some extra fine ones brought \$3 and \$4. Violets are coming better, and California sells at \$1; small single, scarce at 50 cents; good double brings \$1.50. Valley is quite plentiful at \$4. Romans and narcissus are not a glut now and sell well at \$2 and \$3. The demand for

adiantum, asparagus and smilax is good.

Notes.

We have a Scott, a name that is well known and liked—one Robt. W. G. Scott has a new place at Shreve and Anderson avenues, and will grow for the trade only. Mr. Scott attended our carnation meeting and was introduced to the members. All wished him well in his new venture and hoped that he would rise to the equal of his namesake at Buffalo. Mr. Scott reads only *The Review*, as he likes that the best.

Willie Sanders, who has for a long time been with H. G. Berning, is now with Chas. C. Connon, at 4228 Olive street. Willie got his first schooling with Mr. Connon some ten years ago.

Meeting of the Shaw Garden Trustees.

The annual meeting of the Board of Trustees of the Missouri Botanical Garden was held January 10, 1900. The annual report of the officers of the board shows the financial affairs of the trust to be in first class condition, with an increase of \$2,881.13 in the rentals, over those of 1898. A still larger revenue is anticipated during the coming year.

The application to sell certain residence property was granted the trustees by the Supreme Court, on June 30, from a tract on Flora avenue and one between Shaw and McKee. The trustees expect to realize at least \$1,500,000. Additions amounting to \$3,017 have been made to the library, and \$4,938.50 to the herbarium. After expending \$33,147.90 upon the garden, and paying for repairs, taxes, insurance, office expenses, and bequests, a surplus of \$15,246.09 has been declared out of the year's receipts.

The officers of the board are R. J. Lockland, president; Henry Hitchcock, vice-president; A. D. Cunningham, secretary; professor William Trelease, director of the garden. The report of Director Trelease, in charge of the garden, shows that the collection of living plants now numbers 9,127. The record of attendance shows that 54,429 persons visited the garden on week days, 7,755 on the open Sunday in June, and 8,837 on the open Sunday in September, making a total of 71,021.

J. J. B.

CHICAGO.

The Market.

The dark weather during the past week has greatly shortened the supply of roses and prices are considerably stiffer. At date \$8 per 100 is not high for good teas, and the best have brought as high as \$10. Beauties are as scarce as ever. That "crop" is still "coming." It looks now as though it wouldn't arrive till along toward Easter—certainly not if the present dark weather continues.

Carnations are in good supply. The medium and extra grades go well, but the poorest move slowly. We hear

of sales of Choice Cranes, Americas and Red Bradts at \$6 per 100, though \$4 will probably be closer to the figure on many lots. White Cloud, Mary Wood and Mrs. Bradt move well at \$4. Good Joost, Triumph and Cerise Queen bring \$3; Hill, Daybreak and Armazindy, \$2. In mixture, good ordinary run from \$1.50 to \$2, while we hear of sales of the poorest at \$10 per 1,000.

Carnation Meeting.

The exhibition at the carnation meeting of the Florists' Club, to be held to-morrow (Friday) in room 204 Masonic Temple (second floor), promises to be an excellent one. Word has been received from many introducers of new varieties that they will send flowers for exhibition, and the display will be very interesting.

The exhibition will be open all afternoon and evening, and the meeting for discussion will be held in the exhibition hall (instead of the regular club room) at 8 p. m.

Various Items.

Peter Reinberg has arranged to build a range of additional houses on a new location a little west of his main plant. There will be twelve houses each 265x25. In this range he will use the Garland iron gutter throughout. The glass will be 16x24, and he has placed an order with the Henion & Hubbell Co. for several boilers and 30,000 feet of 4-inch cast iron pipe.

E. C. Amling has his new ice box in position, and in style it is in harmony with the attractive surroundings.

Mr. and Mrs. Bassett leave Saturday by the Pennsylvania limited for New York.

The florists' bowling team played another league game last Monday night. The opposing team was from the Woodlawn Club, and the "posies" were planted firmly and securely in that "lawn"—upside down. Three straight games! The boys are wearing crape now, and in mercy to them we withhold names and scores.

Let Philadelphia beware: We have some men here that can handle a gun. When we can induce them to attend a convention, both they and their guns will give a good report of themselves. There was a match last week at Bowmanville, with Peter Reinberg and Billy Irvin on one side, and Henry Zender and B. F. Weber on the other. The shy and fleet winged clay pigeon was the bird employed. Reinberg and Irvin won by five birds, and Peter Reinberg hit 45 out of a possible 50, which is good enough shooting to interest Geo. Anderson and John Burton of the Quaker City, if we are not mistaken.

McKellar & Winterson have just received two fresh carloads of sphagnum moss.

J. B. Deamud has been handling quite a few orchids, and says that there is an increasing sale for cypripediums. One splendid quality of the cypripedium is that if it don't go to-

day, its smile is just as bright the next day—or the next week.

Flint Kennicott has been home nursing a case of rheumatism.

Mr. Geo. Wittbold reports the largest season's business in his long experience.

Phil Hauswirth says Chauncey Depew is all right. During a recent visit to Washington on some fraternal society business, Phil did Chauncey the honor to call on him, and after enjoying a sample of the genial Chauncey's hospitality, he admits that he couldn't have done it better himself.

BOSTON.

The Market.

The carcass of trade has given a kick or two this past week, but not strong enough to keep the spectre of rent away from the retail dealer, or the spook of the coal bill from haunting the grower. Conditions are surely not in line. Everything is altogether too plentiful but red roses, which sell quite readily at 4 to 8 cents for shorter-legged Meteors and up to \$2.50 per doz. for the kind that wear stilts, with Beauties and Liberties selling correspondingly.

The Liberty is in good reputation, enough so that several will give it a trial next year, but now no one seems to have it but Wood's men and Welch Brothers, who show a good line, together with their usual full list of first-class stock.

But carnations seem to have gone by the mark of greatest quantity, have moved up a bit in figure, and it is predicted will wholesale better next week.

Notes.

Salesman John Chapman falls on the ice and breaks an ankle to give us an item of news. As he is a loyal sympathizer with the land of the uncertain "H" in its Transvaal difficulties, perhaps South African papers better copy.

An agent for "Scott's Manual" has left a copy at the Co-Operative Market, where it may be seen by the kindness of Mr. Walsh. It is not so large a work as many expected, but size is obsolete as a measure of value, and the quality of Mr. Scott's pen is well known.

Geo. Seaverns, lately returned from the Klondike, is showing his floral friends a large number of first-class photos taken by a comrade far north of the Arctic circle. Besides being very interesting, they are of course highly instructive about that far away home of the frost king. A feature of them is that they prove the spruce tree growth of that region unsurpassed for lumber by that of any other part of the world. Tall, straight as an arrow, and from one to two and a half feet in diameter, according to Florist-miner Seaverns.

Mr. Arthur Kidder, of Kidder Bros., Lincoln, while loosening the cap from a pipe full of steam, received the dis-

charge up his sleeve. He carries a bandage from wrist to elbow to remember the incident. B. T.

NEW YORK.

Annual Banquet.

The annual dinner of the New York Florists' Club, held in the banquet hall of the St. Denis Hotel, Eleventh street and Broadway, Wednesday evening, Jan. 17, was an event long to be remembered. The members of the executive committee of the Society of American Florists were guests of the club, and there were about ninety at table.

Among the guests were E. M. Wood, Robt. Craig, W. N. Rudd, H. B. Beatty, John Westcott, Benj. Durfee, W. K. Harris, John Burton, Edwin Lonsdale, J. F. Cowell, A. B. Cartledge, Peter Duff, Geo. A. Rackham, J. F. Sullivan, J. D. Carmody, W. W. Coles, F. R. Newbold, Wm. Bartholomae, W. J. Palmer, E. H. Cushman, Wm. Duckham, Wm. Turner.

The dinner was the best the club has ever enjoyed and the fun was immense, with an abundance of songs and music.

The toasts were as follows: E. M. Wood, "S. A. F."; J. F. Sullivan, "River and Prairie Horticulture"; W. K. Harris, "Horticulture of the Quaker City"; Robt. Craig, "American Rose Society"; Prof. Cowell, "Pan-American Horticulture"; J. D. Carmody, "Saints and Sinners"; W. N. Rudd, "Prairie City Horticulture"; John Westcott, "Horticultural Sports"; Sam'l Henshaw, "International Horticulture"; C. W. Ward, "American Carnation Society"; Benjamin Durfee, "The Future of the Florists' Business"; A. B. Cartledge, "Floriculture from a Retail Standpoint"; Wm. J. Stewart, "Horticulture on the Beantown Kopjes"; W. Duckham, "Ornamental Horticulturists"; Jos. Forsyth Johnson, "Suburban Horticulture."

Fuller details next week.

The New York Gardeners' Society.

The New York Gardeners' Society met at the Grand Central Palace on Saturday last, and decided to hereafter meet quarterly instead of monthly. The reasons for this change are that most of the local horticultural societies have been organized from this one society; it is proposed that the New York society will be more of a national character; that a show will be held every three months, and that all the surrounding clubs and organizations will be asked to take an active part at these exhibitions.

The society will hold a carnation show at its next meeting in March, possibly in connection with the American Rose Society's show at the Eden Musee. Arrangements were left in the hands of the executive committee, consisting of Messrs. Withers, Taaffe, Shore, Angus, Anderson, Scott, Harvey and Donlan. Mr. C. W. Ward has generously offered a silver cup to be com-

peted for at the March show; particulars will be sent out with the schedule of prizes later. It is possible a convention will be held at this meeting to consider horticultural matters in general.

Wm. Anderson exhibited a vase of beautiful antirrhinums; they were grown from seed sown July 20th, first grown in pots, then planted in boxes and treated similar to chrysanthemums; they have been grown in a temperature of 50 degrees at night during the winter. Many of these spikes had forty flowers on and the strain can be said to be Mr. Anderson's own, for he has been saving the best of it for years. The society awarded them a certificate of merit. The president and secretary were asked to represent the society at the Dutchess County Horticultural Society's dinner to be given at Poughkeepsie, February 7th.

The Eastern New York Horticultural Society will hold its annual meeting at the Berkeley Lyceum, this city, February 7th and 8th. The American Institute will hold a flower, fruit and vegetable show at the same time and place.

Bowling.

There was lots of enthusiasm at the bowling alleys Monday night. Mr. John H. Taylor, though suffering from the effects of his recent accident, was able to beat one or two of the experts.

President of the S. A. F., E. M. Wood, visited the alleys and enjoyed the fun. Following are the scores:

Stiebrecht	158	159	158
Burns	143	168	176
Traendly	116	152	128
Hafner	125	137	115
Lang	175	188	157
Shaw	121	114	100
Bartholomae	133	109	116
Taylor		97	119
Moody	150	150	153
Larscher	114	137	126
Donlan	121	128	194
Steffins		105	162
Stewart			119

The scores at the Flatbush alleys, January 11th, were:

E. Dailedouze	147	157	204
L. Schmutz	167	147	135
C. Woerner	144	146	125
Papa Zeller	105	84	113
A. Shaw	113	137	133
J. Donlan	135	138	130

Mr. P. Riley, of the Flatbush Club, has been very ill for some time, and everybody hopes for his speedy recovery. J. I. D.

MADISON, N. J.

The Morris County Gardeners' and Florists' Club held its annual election of officers and reunion in the form of a "smoker" in the Masonic Hall, Madison, January 10th. There was quite a large gathering of members and invited friends. The annual reports showed the club to be in a very prosperous condition, it having seventy-five energetic members and \$466 in bank. Wm. Duckham was elected president; C. H. Totty, vice-president; Wm. Charlton, treasurer, and C. H. Atkins, secretary. General committee: J. Jones, D. Shannon and F. Weber. It

was decided to hereafter elect the officers in December instead of January.

The entertainment which followed was a most enjoyable one. President Duckham, in welcoming the visitors, stated that they had decided on having a "smoker" in preference to a set dinner, because there was more enjoyment in it, and before the affair was over everybody agreed with him. There was an abundance of good music which not alone gave pleasure in renditions of popular airs, but took the form of a band contest between a quartette of Morristown darkies and Herrington's "Florham Orchestra," in which the latter came out with flying colors. Three members of this band, Messrs. Sam McCullom, George Coombs and John Downey, deserve to be better known among the trade. Mr. McCullom has a splendid voice and sang several songs to the delight of his audience. (Mr. Herrington could not do better than have these organize a band composed entirely of florists for the S. A. F. convention.)

If John P. Cleary were in any way a Jew his recital of "Fagin's death cell soliloquy" would have been terrible, as it was he was so nearly realistic that Austie Shaw, Willie Stewart, Sam Butterfield and Billy Prosser trembled. One pleasant feature was the absence of orations. Mr. Duckham gave the few who spoke two minutes to spout. Mr. O'Mara spoke on the need of a National Horticultural Society, and hoped the horticultural show in connection with the S. A. F. convention would be the means of a confederation of all the local societies into one grand body.

One never knows what to expect when J. Austin Shaw gets up to speak. On this occasion he read his own parody on Longfellow's "Excelsior," in which he gave the writer the distinguished honor of being "Irish." After many more good things the singing of "Auld Lang Syne" ended the affair in the hall, but the visitors adjourned to the "smoker" of the last train to New York and continued the fun all the way down. D.

SOCIETY OF AMERICAN FLORISTS

The Executive Committee of the Society of American Florists held its annual meeting at the Murray Hill hotel, New York, Tuesday and Wednesday this week. The program for the annual convention of the society, to be held in New York next August, was formulated so far as possible and much detail work attended to.

THE annual catalogue of probably the oldest established seed firm in America is before us. The seed business of J. M. Thorburn & Co., New York, was established in that city in 1802 and for nearly a century it has kept step with the remarkable expansion of American industries. Their catalogue for 1900 proves them to be still in the front rank, and it should be consulted by every one interested in seeds and gardeners' supplies.

SAMUEL S. PENNOCK. Wholesale Florist

{ Until further notice, will be open from }
6:00 a. m., to 11.00 p. m.

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Early orders get the best stock.

	Per doz.	Per 100
Mrs. Thos. W. Lawson	\$3.00	\$14.00
Ethel Crocker, pink	1.50	10.00
Olympia, variegated		12.00
The Marquis, pink	1.50	10.00
Genevieve Lord, pink	1.50	10.00
G. H. Crane, scarlet	.60	4.50
America, scarlet	.50	4.00
Melba, light pink	.50	3.50
Mrs. G. Bradt, variegated	.50	3.00
Glacier, white, fine	.50	4.00
Maud Adams, dark pink	.50	3.50
Gomez, dark red	.50	4.00
Mrs. F. Joost, pink	.40	2.50
Gold Nugget, yellow	.50	3.00
Argyle, pink, fine		1.25
Triumph, pink		1.50
Daybreak, shell pink		1.00
Empress, dark red		1.00
Flora Hill, white		1.50
White Cloud, white		2.50
Mary Wood, white, fine		3.00
Jubilee, scarlet		1.50
Psyche, variegated		1.50
Morello, scarlet		1.50
Wm. Scott, pink		1.00
Lizzie McGowan		1.00

PLANTS.

Geranium De Roo Mitting	2 1/4-inch	10.00
Geranium Double Snow Drop	"	10.00
New Yellow Baby Primrose	"	10.00
22 Coleus, fine, named	"	4.00
20 Standard Coleus, named	"	1.50
30 Double Petunias, mixed	"	2.00
Primula Obconica, 3 1/4-inch	"	3.00
Primula Obconica, 2 1/4-inch	"	2.00
Primula, Chinese, 2 1/4-inch	"	1.50
Primula, from flats, strong	"	.75
Velvet Plant	"	3.00
15 Begonias, flowering, named, 2 1/4-inch	"	2.00
Forget-Me-Not, winter flowering, 2 1/4-inch	"	2.00
Iresines, 2 varieties, red and yellow, 2 1/4-inch	"	2.00
Pansy Plants, per 1000, \$3.00	"	.50
Cannas, large flowering, mixed	"	1.00
Mesembryanthemum Erectum, 2 1/4-inch	"	2.00
California Moss	"	2.00
Lycopodium Dent.	"	2.00
Alternanthera, 4 varieties	"	2.00
Feverfew, Little Gem	"	2.00
Feverfew, yellow foliage	"	2.00
Dusty Miller	"	2.00
Cigar Plant	"	2.00
Vinca, variegated, trailing	"	2.00
Pure White Pansy Plants	"	.50
Ferns, mixed, our selection, 2 1/4-inch	"	5.00
Lobelia, Crystal Palace Gem	"	2.00

Five plants at 100 rates.

The Morris Floral Co.

MORRIS, ILL.

Mention The Review when you write.

PASADENA, CAL. — The annual "Tournament of roses" brought large numbers of visitors, and the floral parade was more elaborate than ever before.

PITTSBURG CUT FLOWER CO., Ltd. WHOLESALE FLORISTS.

Long Distance
'Phone 2157.

CONSIGNMENTS SOLICITED.

No. 504 Liberty St.,
PITTSBURG, PA.

FLORISTS' SUPPLIES.

Write for Price List.

Mention The Review when you write.

Asparagus Plumosus

Cut Strings
8 feet long.
50c per string.

Nanus

Shipped
to any part
of the country.

W. H. ELLIOTT,
BRIGHTON, MASS.

Mention The Review when you write.

MIDDLETOWN, CONN.

George C. Stedman, the florist, died Dec. 17, after a five days illness with pneumonia, aged 44 years.

He was born in Brooklyn, N. Y., from which place the family came here after the death of his father.

Mr. Stedman, at the age of 17 years, started in the florist's business, at first for health, and then when most of the money held in trust for the widowed mother and the children was lost by the trustee, Geo. C. Stedman manfully supported the family and faithfully and untiringly kept on at his beloved trade. He would not give up in spite of many discouragements. He had gained health and loved his work.

The funeral services took place from his late residence Dec. 19.

The business will pass from the family, as the surviving members are not in a position to care for it.

E. T. S.

CHESTNUT HILL, PHILA.

At the regular monthly meeting of the Chestnut Hill Horticultural Society, held Jan. 9, the following officers were elected for the year: President, John T. Morris; vice-presidents, J. Howes Humphreys, Fred J. Mitchell, Alex. Stewart, Frank Gould; secretary, Robt. C. Carey; treasurer, Wm. H. Houston.

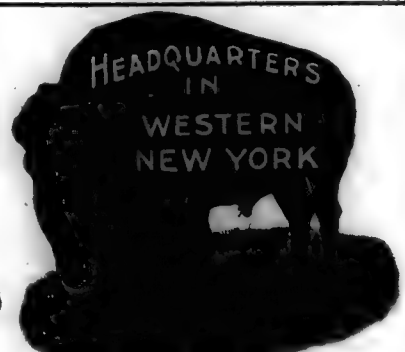
It is the intention of the society to hold regular monthly exhibitions of flowers, fruits, vegetables, etc., and a chrysanthemum show in the fall. A printed schedule will be out within the next two weeks.

J. H. H.

FRANKLIN, TENN.—Truett Bros. are arranging to erect another new greenhouse.

GIVE US
A
TRIAL.
WE CAN
PLEASE
YOU.

Roses,
Carnations
and all
kinds of
Seasonable
Flowers
in stock.



WM. F. KASTING, Wholesale Com-
mission Florist,
481 Washington St., BUFFALO, N. Y.
Also Dealer in Florists' Supplies and Wire
Designs.

Mention The Review when you write.

JOHN B. FERGUSON, Wholesale Florist,

444 Sixth Ave., PITTSBURG, PA.
LONG DISTANCE 'PHONE 2085.

We Command a Good Market.
Consignments Solicited.

Mention The Review when you write.

Long's "Handy" Order Sheets

The practical leaders to correct order taking in hurried hours. Single sample free.

Pad of 100 sheets, mailed for 24 cents in stamps.
Ten Pads (1000 sheets), by express, \$1.75.

DAN'L B. LONG, Publisher, BUFFALO, N. Y.
Mention The Review when you write.

Cut Flower Exchange,

404 - 412 East 34th St., New York,

NEAR THE FERRY.
Open Every Morning at 6 o'clock for the sale of
CUT FLOWERS.

Wall space for Advertising purposes to Rent.

J. DONALDSON, SECRETARY.

Mention The Review when you write.

CORRECTION.

In the advertisement of the Chicago Carnation Co., on page 169 of our last issue, the price of rooted cuttings of Mrs. Geo. Bradt should read \$5.00 per 100 and \$40.00 per 1,000, instead of \$3.00 per 100 and \$25.00 per 1,000.

New Year. — 1900 — New Ideas.

We have large lines of

NEW PLANT STANDS and PEDESTALS, POT COVERS, FERNERIES, AMERICAN BEAUTY VASES in all sizes, **VIOLET and WHITE LACE HANDKERCHIEFS, Tinsel Cords, Violet Silk Cords and Tassels, our FAMOUS Wheat Sheaves, Baskets, Plateau, Cycas Leaves -- Glazed and Dull Finish, etc.,** and everything that is needed in the **FLORIST SUPPLY LINE.** Send us your orders we will take care of them.

M. Rice & Co., Importers and Manufacturers,
918 Filbert Street, PHILADELPHIA, PA.

Mention The Review when you write.

ESTABLISHED 1802

THORBURN'S SEEDS

Our Wholesale Price List of
Choice Flower Seeds for Florists

is now ready. A post-card
will bring it to you.

We have still on hand some of our
LILY OF THE VALLEY PIPS,
The Finest that come to this Country.
Per 1000, \$10.00. Cases of 8000 at \$9.00 per 1000

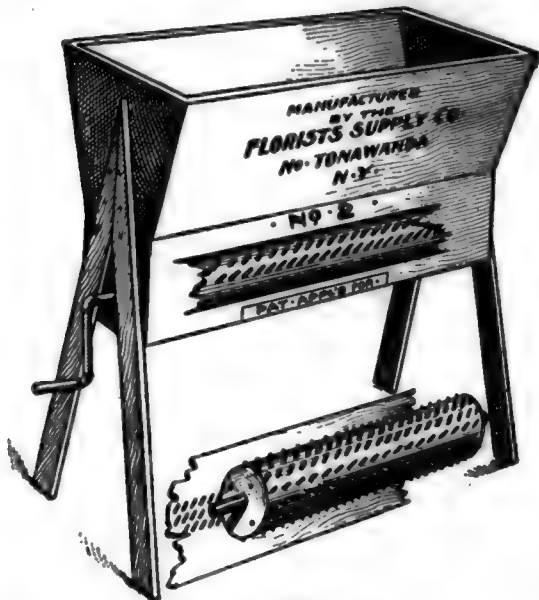
J.M. THORBURN & CO.

(Late of 15 John Street)

36 CORTLANDT STREET, NEW YORK

Mention The Review when you write.

HUNDREDS of Florists are using our Pulverizers.
You can regulate it. Send for list of testimonials



Patent applied for.
No. 1, \$5.00; No. 2, \$10.00; No. 3, \$15.00
THE FLORISTS' SUPPLY CO.,
North Tonawanda, N. Y.
Mention The Review when you write.

Simplicity in Greenhouse Construction.

During our long experience we have not only made many improvements in greenhouses, but we have so simplified the construction that building a greenhouse is no longer a matter so full of complications as to tax the patience and the ingenuity of even the most intelligent mechanic. Our

Clear Cypress Building Material

is worked out in the best manner ready to be put up, and we furnish our customers such complete detail drawings that any workman of only ordinary capabilities can put it up correctly.

Write for Circulars
or Estimates.

Lockland Lumber Co.

LOCKLAND, OHIO.

Mention The Review when you write.

Burpee's Seeds Grow

PANSIES... WORTH RAISING

Good Plants by express, \$2.50 per 500;
\$4.00 per 1000. Seed as usual.

C. SOLTAU & CO., 199 Grant Avenue,
JERSEY CITY, N. J.

Mention The Review when you write.

Cabbage Plants, Jersey Wakefield and other varieties, from cold frame transplanted, 25c per 100; \$1.50 per 1000; \$12.50 per 10,000, if by mail, add 20c per 100.

LETTUCE, Boston Market, Tennis Ball, Curled Simpson, Grand Rapids and other varieties, 15c per 100; \$1.00 per 1000; \$8.50 per 10,000, if by mail, add 10c per 100.

Other Vegetable plants in season. Cash with order.
R. VINCENT, Jr. & SON, White Marsh, Md.

Mention The Review when you write.

Always Mention the....
Florists' Review
When Writing Advertisers.

300,000 VERBENAS....

60 finest named varieties, including our new mammoth white, Mrs. McKinley, the finest white Verbena grown.

PERFECTLY HEALTHY. FREE FROM RUST.

Rooted Cuttings 60c per 100, \$5.00 per 1000.

Plants \$2.50 per 100, \$20.00 per 1000.

Our list is the choice from millions of seedlings.

Send for list. **J. L. DILLON,** Bloomsburg, Pa.

Mention The Review when you write.

EDWARD B. JACKSON, Wholesale Florist.

HARDY HERBACEOUS PLANTS ONLY.

In any quantity for the least money.

STAMFORD, CONN.

Mention The Review when you write.

EVERY FLORIST OUGHT TO INSURE
HIS GLASS AGAINST **HAIL**

FOR PARTICULARS ADDRESS

JOHN G. ESLER, Sec'y, SADDLE RIVER, N. J.

E. H. HUNT

THE "OLD RELIABLE" FOR

**Wholesale
Cut Flowers**

Hunt's Flowers Go Everywhere.

76 Wabash Ave. CHICAGO.

Mention The Review when you write.

PHILADELPHIA.**The Market.**

Business has fallen off considerably the past week. This will enable the boys to get a much needed rest after the holiday rush. Stock the past week has been as follows: Beauties, \$1 to \$6 per doz.; Brides, Maids and Kaiserins, \$2 to \$10; Morgans, Perles, \$2 to \$8; Gontiers, \$2 to \$4; Liberty, short \$10 to \$15, long \$40. Cattleyas, 50 cents; cypripediums, 15 cents; dendrobiums, 25 cents; carnations, you could buy at your own price; valley, \$3 to \$4; narcissus, \$3 to \$4; hyacinths, \$2 to \$4; sweet peas, \$2.50 to \$3; tulips, \$4; violets, double 50 cents to \$1, single 25 to 50 cents; mignonette, \$3 to \$4; adiantum, \$1; asparagus, 50 cents; smilax, 15 cents.

Notes.

The Florists' Bowling Club out-bowled the Maennerchor team by 36 points in a most exciting game on the alleys in Horticultural Hall, Tuesday night. The florists gained a big lead in the first game and it was only by the Maennerchor's "fall-down" in the last frame of the third game that allowed the florists to win.

The H. A. Dreer Co. have equipped their new office at Riverton with a long distance telephone.

John Morgan is no longer with S. S. Pennock, the wholesale florist.

Death of Wm. Freeman Eaton.

Wm. Freeman Eaton, a member of the Philadelphia Florists' Club, died very suddenly on Tuesday afternoon, January 9th, of Bright's disease, aged 35 years. Mr. Freeman was born in Canada in 1865; came to Philadelphia in 1875 and began his work as a florist with F. Lucking, at Fifth street and Fairmount avenue, where he remained for ten years. After leaving Mr. Lucking he worked two years for Wm. Wagner and then bought out the retail store of C. Bell, and launching out for himself built up a nice little business by his energy and perseverance. The Florists' Club attended the funeral to testify to the respect and esteem in which he was held. Mr. Eaton leaves a wife and four children. R.

Choice Cut Flowers

Everything Seasonable.

The Finest Obtainable.

Prices Right.

Prompt Service.

Market Rates.

All Stock Now Scarce.

E. C. AMLING,

32, 34, 36 Randolph Street, - CHICAGO, ILL.

W. S. HEFFRON, Mgr.

Price List Issued Weekly. Write for it.

We are Sole Chicago Agents for E. G. Hill & Co.'s Fine Flowers.

Mention The Review when you write.

Bassett & Washburn

76 Wabash Ave., CHICAGO, ILL.

Wholesale Growers of and Dealers in **CUT FLOWERS**

Greenhouses at Hinsdale, Ill.

Mention The Review when you write.

PETER REINBERG,Wholesale Grower of **CUT FLOWERS.**

500,000 feet of Glass.

Headquarters for fine AMERICAN BEAUTIES.

51 Wabash Avenue, CHICAGO.

Mention The Review when you write.

A. L. RANDALL

Telephone 1496

Wholesale Florist

4 Washington St., Chicago.

and enlarged quarters we are better ever to handle your orders.

Mention The Review when you write.

WHOLESALE GROWER OF ROSES. DEALER IN CUT FLOWERS.

J. A. BUDLONG,

37-39 Randolph St., CHICAGO, ILL.

Mention The Review when you write.

Maplewood Cut Flower and Plant Co. GEO. M. KELLOGG, Pres.

Growers of CUT FLOWERS at Wholesale.

Regular shipping orders given special attention. We have the largest plant west of Chicago.

Store: 906 Grand Ave., KANSAS CITY, MO. Greenhouses; Pleasant Hill, Mo.

Mention The Review when you write.

WIETOR BROS.Wholesale Growers of **Cut Flowers.**

All telegraph and telephone orders given prompt attention.

51 Wabash Avenue, CHICAGO.

Mention The Review when you write.

C. A. KUEHN WHOLESALE FLORIST

Cut Flowers and Florists' Supplies.

Manufacturer of the Patent Wire Clamp Flora Designs. A full line of supplies always on hand. Write for catalogue and prices.

1122 PINE STREET, ST. LOUIS, MO

Mention The Review when you write.

**H. Berning**

WHOLESALE FLORIST,

1322 Pine Street, ST. LOUIS, MO.

Mention The Review when you write.

ELLISON & TESSON, WHOLESALE SHIPPING**FLORISTS**

3134 Olive Street, ST. LOUIS, MO.

...Home Grown Stock...

Mention The Review when you write.

Cincinnati Cut Flower Co.

W. A. MANN. FRANK W. BALL.

416 Walnut St. CINCINNATI, O. Wholesale Florists

Consignments Solicited. Special Attention Given to Shipping Orders. Mention The Review when you write.

"Subject to Change Without Notice."

That is a line you see on every price-list, also in every wholesale adv. This line, so simple, still with so much meaning, and with all it is like the weather man, a future forecast, for no dealer or grower of flowers can see tomorrow.

This subject is forced on us in a strange way. Last week Mr. Grant, of The Review, and Mr. Howard, of The Florist, and Mr. Sanders, of the Exchange, came to our store, as we suppose they go to all others, and asked our view of the week's trade just past and what we thought the price would be for the week to come.

Our answer was, see our adv. Now that goes to show what we thought at the time, and said so.

But so far as our guess was, it only lasted the remaining part of the week, and we did not think at the time that the different papers did not appear to the reader till the end of the week; and unless Uncle Sam was prompt, some did not get their paper till Monday, and by Monday all had changed, for Saturday afternoon local trade got brisk and cleaned up the market and the dull weather made stock very scarce on short notice, and we, in this case, had to fall back on the opening line.

With these few remarks we want to say that this proves what we have ALWAYS CLAIMED, give the COUNTRY BUYER the CHICAGO MARKET PRICE at time of shipment. If WE can't fill your order it is not to be had.

Yours Respectfully,

KENNICOTT BROS CO.

42 and 44 East Randolph St., Chicago, Ill.

Address all mail or telegrams direct to the firm to insure promptness.

...OUR...

"WIRE WORK"

like our Flowers, always a little better and always a little cheaper than elsewhere. Special Discount

"SALE"

now on. Write for Special Quotations.

KENNICOTT BROS. CO.

**Wholesale
Commission
Florists**

And Dealers in All Kinds of
FLORISTS' SUPPLIES
42 and 44 E. Randolph St.
CHICAGO, ILL.

CHICAGO CARNATION CO., The Great and Only Carnation Specialists

CUTTINGS NOW READY.

	Per doz.	Per 100	Per 1000	Blooms per 100
Genevieve Lord, the peer of any light pink Carnation ever offered.....	\$2.00	\$10.00	\$75.00	\$5.00
Chicago, scarlet Bradt.....	1.50	7.50	60.00	5.00
Mrs. Lawson, cerise pink.....	3.00	14.00	120.00	
Olympia, variegated.....	2.00	12.00	100.00	
Ethel Crocker, pink.....	1.50	10.00	75.00	

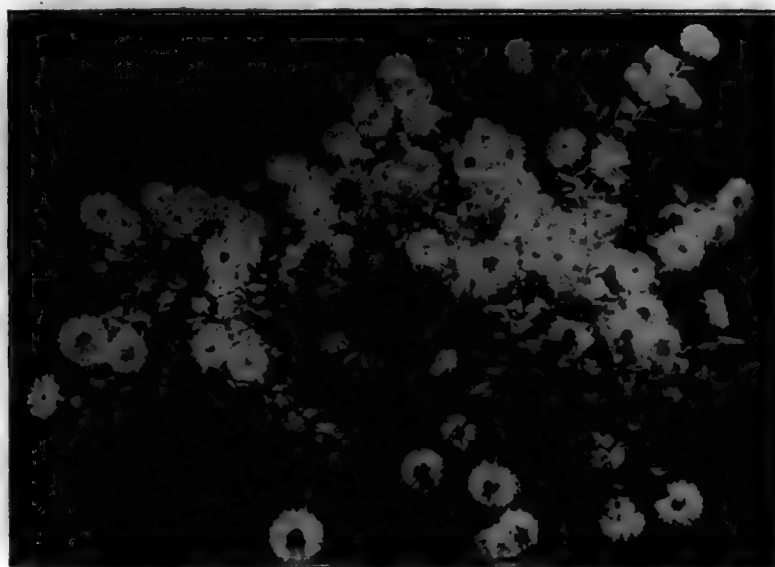
	Per 100	Per 1000	Blooms per 100
Frances Joost, pink.....	\$2.50	\$20.00	\$3.00
Mrs. Jas. Dean, pink.....	2.50	20.00	5.00
John Young, white.....	2.50	20.00	4.00
White Cloud, white.....	4.00	30.00	5.00
Mrs. Bradt, variegated.....	5.00	40.00	\$4 to \$5
Gen. Macco, crimson.....	6.00	50.00	5.00
Gen. Gomez, crimson.....	6.00	50.00	5.00
G. H. Crane, scarlet.....	6.00	50.00	5.00
Gold Nugget, yellow.....	2.50	20.00	5.00

	Per 100	Per 1000	Blooms per 100
Argyle, carmine.....	\$2.50	\$20.00	\$4.00
Jubilee, scarlet.....	2.00	15.00	4.00
Armazindy, variegated.....	2.00	15.00	2.00
Evelina, white.....	2.00	15.00	2.00
New York, deep pink.....	2.00	15.00	2.00
Wm. Scott, pink.....	2.00	15.00	2.00
Victor, pink.....	2.00	15.00	2.00
Daybreak, light pink.....	2.00	15.00	2.00
Flora Hill, white.....	2.00	15.00	4.00

CHICAGO CARNATION CO., Greenhouses and Address, JOLIET, ILL.

Mention The Review when you write.

Chrysanthemum "Little Chris"



Bloomed with us continuously from March until January.

Plant dwarf, flowers small, white.

Valuable as a pot plant, for funeral work or cut sprays.

Sold well at Easter and Decoration Day.

Cut back plants, with young growth from bottom, from 4 and 5-inch pots, 25c and 35c each; four and three for \$1.00. Plants from 2-inch pots later.

W. T. BELL & SONS

FRANKLIN, PA.

Mention The Review when you write.

BENTHEY & CO.

F. F. BENTHEY, Mgr.

WHOLESALE AND COMMISSION Florists. Consignments Solicited.

41 Randolph St. CHICAGO.

Mention The Review when you write.

ROOTED CUTTINGS.....

Verbenas, 40 var., 60c per 100, \$5.00 per 1000.
Petunias, 30 var., \$1.25 per 100. Heliotrope, 15 var., \$1.00 per 100. Coleus, 30 var., 70c per 100, \$6.00 per 1000. Ageratum, 3 kinds, include Princess Pauline, 70c per 100; Alyssum Dble., \$1.00 per 100; Lantanas, 4 kinds, \$1.25 per 100. Salvias, 3 kinds, \$1.00 per 100. Geraniums, mixed, from 2-inch pots, strong plants, \$2.50 per 100.

Express prepaid and satisfaction guaranteed. Cash with orders. Do not send checks.

Our Cuttings are good. Write

S. D. BRANT, Clay Center, Kan.

Mention The Review when you write.

XXX SEEDS

VERBENA GRANDIFLORA. The finest strain of Improved Giant Verbenas yet produced, largest flowers and best colors, good percentage of white, per pkt., 800 seeds, mixed colors, 50 cts.

CYCLAMEN GIGANTEUM. The choicest Giant-flowering varieties in best mixture, pkt., 200 seeds, \$1.00; half pkt., 50 cents.

CHINESE PRIMROSE. Best large single and double fringed, 500 seeds, \$1.00

PHLOX DRUM. PUMILA. New, very dwarf, perfect beauties, excellent for growing in pots for Spring sales, mixed colors, trade pkt. 20c.

A pkt. of New Double Early-flowering Dwarf Vienna Carnation added to every order.

JOHN F. RUPP, Shiremanstown, Pa.

The Home of Primroses.

Mention The Review when you write.

GALAX LEAVES.

Chas. H. Ricksecker, Linville, N. C.

Mention The Review when you write.

CINCINNATI.

Club Meeting.

The regular monthly meeting of the Cincinnati Florists' Society was held last Saturday evening. The attendance was poor and no business of importance was transacted. A committee was appointed to secure rates for the carnation convention to be held next month in Buffalo. All those intending to go will kindly notify R. Witterstaetter, Albert Sunderbruch, or F. W. Ball. Out-of-town florists who wish to join our party can obtain full particulars by addressing any member of the above committee.

Among the exhibition of cut flowers during the afternoon and evening was a special display of violets, \$20 in prizes being offered for this modest flower. From the number of blooms on exhibition, one would hardly think that violets were so scarce in this market. Corbett & Wilson took first prize with a fine display of several varieties. Crabb & Hunter, of Grand Rapids, were awarded second prize, and J. R. Goldman, of Middletown, O., came in third.

George & Allan took everything in sight on roses, getting first on Maids, Brides, Meteors, and Perles; they also had a fine display of carnations and valley.

The carnations attracted their usual share of attention and admiration. Quite a number of the craft made a display for exhibition only, as prizes were offered for only commercial varieties. W. K. Partridge, of Lockland, was awarded first, on Jubilee and Flora Hill. A. Sunderbruch's Sons took first on Melba and Bradt. Crabb & Hunter's new pink carnation Irene scored 85 points and received a certificate of the society; it is a beautiful flower and will, no doubt, find a place among the many new pinks now on the market. Witterstaetter's new white, Elinore, scored 85 2-3 points, and also received a certificate; this is a beautiful carnation, and will be heard from later. Another good white, shown as 550A, Estella and Enquirer, were among Dick's best.

Prominent among W. K. Partridge's display was a vase of each, America and G. H. Crane. Both were well done, but, as with most growers in this vicinity, America showed up best of the two carnations. Wm. Murphy had a creditable display of carnations, all standard varieties. The exhibition was a howling success, with but one exception—Judge Theo. Bock, of Hamilton, was not present. We fear that his dignity has been trampled upon, for he has resolved to comply with the scriptural injunction and judge not.

BIG RAPIDS, MICH.

Mrs. Blair, so well known as a successful florist here, has leased her greenhouses to H. M. Larsen, a young gentleman formerly in her employ, who will continue the business.

PRIMROSES for Easter Blooming, 2-in. \$2.00 per 100

ROOTED CUTTINGS

Alyssum Giant.....	\$1.00 per 100
GERANIUMS. Per 100	
Assorted, common.....	\$1.50
Best varieties.....	2.00
Mixed, per 1000.....	\$12.00
Mrs. Happy Thought.....	3.00
Mme. Bruant.....	2.50
Silver Leaf, rose scented.....	1.50
Bronze.....	1.50
Mrs. Parker, Dble. Pink Silver Leaf.....	4.00
Mme. Sallerol.....	1.25
Freak of Nature.....	3.00
Double New Life.....	4.00

MISCELLANEOUS. Per 100	
Coleus, fancy & large leav'd.....	\$1.00
" " separate colors.....	.50
" " mixed colors.....	.60
Alternanthera, R. and Y., summer struck, pr 1000.....	\$9.00
Alternanthera, R. and Y., per 1000.....	\$5.00
Fuchsia, Trailing Queen.....	1.50
Tradescandia Tricolor.....	2.00
Manettia (bicolor).....	2.00
Vinca.....	1.50
Salvia.....	1.25
Heliotrope.....	1.25
Begonia Erfordii, Rex, Incarnata Gigantea.....	2.00

MISCELLANEOUS. Per 100	
Impatiens Sultan.....	\$2.00
Forget-Me-Not (Winter Flowering).....	2.00
Fuchsia, assorted.....	1.50
Fuchsias, Sun Ray, Variegated, red, white and green.....	4.00
Lemon Verbena R. C.....	1.50
Ageratum, blue and white.....	1.00
" Princess Pauline.....	1.25
German Ivy.....	1.25
Let us book your order now for the best late white Mum for florists' use, rooted cuttings.....	
	2.00

POT PLANTS

GERANIUMS. Per 100	
Mrs. Parker.....	\$6.00
Happy Thought, Silver Leaf, 2½-in.; Mrs. Pollock, 2½-in.....	4.00
BEGONIAS. Per 100	
Rex, assorted, 2½-in.....	\$4.00
" named.....	6.00

MISCELLANEOUS. Per 100	
Forget-Me-Not (Winter Flowering), 2½-in.....	4.00
Lemon Verbena.....	\$3.00, \$4.00, 6.00
Primroses (in bud) 2½-in.....	3.00
Primula obconica, 2-in.....	2.00
" in flats.....	1.50

MISCELLANEOUS. Per 100	
Anthericum, 3-in.....	6.00
Dracaena Ind. (in flats).....	5.00
Mignonette, 2-in.....	2.00
Manettia bicolor, 2½-in.....	4.00
Fragrant Calla, 2½-in., \$1.50 doz.	
Fragrant Calla, 4-in., 3.00 "	
Terms Cash or C. O. D.	

GREENE & UNDERHILL, Watertown, N. Y.

Mention The Review when you write.

NEW CARNATIONS.

We are now ready to receive orders for strong rooted CUTTINGS.....

GEN. MACEO.....	\$1 per doz., \$6 per 100, \$50 per 1000.
G. H. CRANE.....	
GLACIER.....	
MORNING GLORY.....	

GEN. GOMEZ.....	75c per doz., \$5 per 100, \$40 per 1000.
MRS. G. M. BRADT.....	

WHITE CLOUD.....	50c per doz., \$4 per 100, \$30 per 1000.
GOLD HUGGET.....	

25 at 100 rate. 250 at 1000 rate.

We have Fine Large Stocks and will deliver only Fine, Strong, Well-Rooted Cuttings.

THE COTTAGE GARDENS, - QUEENS, N. Y.

Mention The Review when you write.

NEW PINK CHRYSANTHEMUM MISS FLORENCE E. DENZER

The latest Mum. Blooms for Christmas. See cut in Florists' Review of Dec. 21, 1899.

Rooted Cuttings, \$8.00 per 100; from 2½-in. pots, \$10.00 per 100; and thirty other leading varieties rooted cuttings, \$9.00 per 1000; from 2½-inch pots, \$15.00 per 1000.

Ready March 20th, 1900.
Cash with order, please.ANTON C. ZVOLANEK,
WEST HOBOKEN, N. J.

Mention The Review when you write.

PLANTS AND CUTTINGS....

Begonias, best flowering varieties, 4-in. pots, \$1.00 per doz., \$8.00 per 100. Umbrella Plants, 4-in. pots, \$1.00 per doz., \$8.00 per 100. Ferns, Pteris tremula, 2-in. pots, 50c per dozen, \$4.00 per 100. Vincas, center of foliage yellow, 2½-in. pots, 50c per doz., \$3.00 per 100. Geraniums, best bedding varieties mixed, in fine growing condition, 2-inch pots, \$2.50 per 100. Geraniums, rooted cuttings, \$1.50 per 100. Rooted cuttings of Fuchsias, Heliotrope, Chrysanthemum frutescens, per 100, \$1.00. Rooted cuttings of Alternanthera, red and yellow, Ageratum, blue and white dwarf. Micanthea, Coleus, best bedders, 50c per 100. Carnation Mrs. Fisher, rooted cuttings from soil, \$1.25 per 100.

C. LENGENFELDER, ELGIN, ILL.

Always mention the Florists' Review when writing advertisers.

Choice Plants for Autumn Sales.

JOHN H. LEY,

Good Hope, Washington, D. C.

Asparagus P. Nanus, 5-in. pots.....doz., \$3.00
Ferns, 30 new and choice sorts, 4-in. pots, 100, 10.00
10 choice sorts, 2-in. pots..... 4.00
Nephrolepis Washingtoniensis, the finest new Fern this year, 4-in. pots.....doz., 8.00
Adiantum Hybridum, new, elegant, 8-in., each 1.00
Cuneatum, extra large, 4-in. pots, 100, 10.00
Crotons, 12 finest sorts, colors fine, 4-in., doz., 1.00
Peperomia Arifolia and Argyreia, 3-in., .50
Selaginella Africana, fine blue and others, 3-in. pots.....doz., .50
Ferns, from flats, nice little plants for small pots, 10 sorts, 100 free by mail..... 1.25
Careful packing. Cash with order. Plants gratis.

VERBENAS...

THE FINEST IN THE LAND.

Rooted Cuttings.....\$1.00 per 100; \$8.00 per 1000
Pot Plants..... 2.50 " 20.00 "

For other stock see last weeks issue the Review.

W. L. SMITH, AURORA, Illinois.

"Nicomite" (Patent) VAPOR Insecticide Powder.

No labor required. Harmless to bloom and foliage. A certain killer of Red Spider, Green Fly, and all other insect pests. Ask your Seedsman for it. THE TOBACCO WAREHOUSING AND TRADING CO., Louisville, Ky.

Mention the Review when you write.

NEW LIGHT PINK CARNATION Genevieve Lord

Peerless in its class. The coming light pink. As a commercial variety it will score its greatest triumph. As an exhibition variety it will take care of itself. Its reputation is already made. We recommend it to you as being first-class in every way. It has won highest honors wherever exhibited. In a word it is the light pink par excellence. Better than Scott in its palmiest days. There will be no attempt to over-propagate it. First come, first served. Send for complete description.

\$75.00 per 1000; \$10.00 per 100; \$2.00 per doz.

DELIVERY FEBRUARY 15.

Also Mrs. Thos. W. Lawson,
Ethel Crocker, Olympia and the
Marquis at introducers' prices.

H. WEBER & SONS, Oakland, Md.

Mention The Review when you write.

Ethel Crocker. Absolutely the Best Pink Carnation ever offered the trade.

A fact fully borne out by its record, being equally good with Craig, Hill and myself (an assurance that it is not a success in one soil and a failure in another.) By its having been shown at the flower shows and clubs since early in September (an assurance that it is not a good late carnation but an all season variety.)

In color, size, fragrance and stem it is just what the "storemen" want. In habit, constitution and freedom of bloom it is just what the grower wants. It produces more flowers to the square foot than any other known variety, and is never out of crop from September to July.

With 18,000 stock plants to work from there is no danger of it being overpropagated, and all orders entrusted to me will be filled with cuttings selected from the plants and also in filling the order, by myself, thus doubly assuring good stock. Honest sample blooms furnished prepaid at \$1.00 per dozen, amount deducted from all orders for 100 or over. Up to date every sample excepting one out of several hundred sent has brought an order.

Price per 100, \$10.00; per 25, \$2.50. Per 1000, \$75.00; per 250, \$18.75. HERR'S PANSIES, good little plants at 75c per 100; \$1.00 per 1000.

Price list of standard varieties ready now.

ALBERT M. HERR, Lancaster, Pa.

Mention The Review when you write.

New and Standard Varieties of

CARNATIONS

F. DORNER & SONS CO.

LA FAYETTE, IND.

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CARNATIONS Rooted Cuttings

of all the NEW and LEADING VARIETIES. Send for prices.

GEO. HANCOCK & SON,

GRAND HAVEN, Mich.

Mention The Review when you write.

FIELD GROWN

CARNATIONS.

BEST NEW AND STANDARD VARIETIES
Write for catalogue and prices.

W. P. PEACOCK, ATCO, N. J.

Mention The Review when you write.

First Lot of 2-In. Roses

Ready for shipment Jan. 15.

ROOTED CUTTINGS now ready.

Write for prices.
Also ask for prices of
Cut Roses, Carnations and Bulb Stock.

GEO. A. KUHL, PEKIN, ILL.

Mention The Review when you write.

Elm City

A Grand New White Carnation Seedling.....

of Lizzie McGowan
and
Mme. Diaz Albertini,
in its fifth year.....

The flowers are large, finely shaped and of strong fragrance. Petals are heavy, of good substance and nicely fringed. Calyx is very strong, after the style of Mme. Albertini, and none bursting; the stem strong, holding the flower erect.

The plant is a good grower and free bloomer, not subject to stem rot or any disease.

Rooted Cuttings ready February 1st, at
\$1.50 per dozen, \$10.00 per 100, or
\$70.00 per 1000.

Cash with order. We shall prepay the express where money accompanies the order.

Orders filled in rotation.

M. E. KRAUS,

320 Davenport Ave.,

NEW HAVEN, CONN.

Mention The Review when you write.

1st Prize PERLES

Place your orders now for Perle Rose Cuttings and Plants. Remember, they are from The Perle King of St. Louis and from prize-winning stock only. Rooted Cuttings.... per 100, \$1.75; per 1000, \$15.00
Two-inch pot plants, " 8.00; " 25.00
Cash or satisfactory reference,

J. F. AMMANN, - EDWARDSVILLE, ILL.

Mention The Review when you write.

ROSES. To clean out, for room.

\$3.00 per 100; \$25.00 per 1000.

Bride, Bridemaid, C. Soupert, Etoile de Lyon, Kaiserin Augusta Victoria, La France, Climbing Meteor, Papa Gontier.

Cash with order, please.

JOSEPH LAHR & SONS, Springfield, Ohio.

Always Mention the....

Florists' Review

When Writing Advertisers.

...SPECIAL...

Rooted Cuttings.

Choicest Varieties.
Lowest Prices. Finest Stock.

50,000 Carnations, standards, \$7.50 per 1000.
Descriptive list, 25 choicest up-to-date varieties.

50,000 Roses, standards, \$12.50 per 1000.

50,000 Verbenas, 20th Century collection.
32 Grand Mammoth varieties, the cream of all the latest and choicest up-to-date, 60c per 100, \$5.00 per 1000. Strong, 2-in., \$2.00 per 100, \$18.00 per 1000; full of Cuttings, elegant stuff.

50,000 Dble. Fringed Petunias, Henderson's and Dreer's latest sorts. We all know that they lead the world. \$1.00 per 100, \$8.00 per 1000. Strong, 2-in., \$2.00 per 100, \$18.00 per 1000

20,000 Geraniums, embracing our entire superb collection, \$1.50 per 100, \$15.00 per 1000; large, fine Cuttings of uniform size. 5000 2 1/4-inch Paul Bruant, the best scarlet, and S. A. Nutt, the best crimson, \$2.50 per 100. New Giant California White Marguerite and New Golden, both sell at sight, \$1.00 per 100. Strong, 2 1/4-inch, \$2.50 per 100.

Ageratum, Princess Pauline, the only one to grow, \$1.00 per 100. Extra strong, 2 1/4-inch, full of Cuttings, \$2.50 per 100.

Salvia Splendens, no other so good, \$1.00 per 100. Extra strong, 2 1/4 inch, \$2.50 per 100.

Fuchsias, best sorts, \$1.50 per 100. Vinca Major, \$1.00 per 100.

Smilax, strong, 2 1/4-inch, \$1.50 per 100, 2 inch, \$1.00 per 100. Seedlings, big bushy plants, fit to plant right out, 50c per 100, \$4.00 per 1000, delivered.

500 Roses, 2-year-old, Brides and Maids, fine for the south, \$5.00 per 100 (half value).

Our wholesale descriptive list of Specialties mailed on application. Cash must accompany all orders. Small packages by mail.

SOUTH SIDE FLORAL CO., - Springfield, Ill.

Mention The Review when you write.

Pansies...

Fine Plant, large flowering strain, \$2.50 per 1,000
150 Obconica Grandiflora Primula, 2.00 per 100
100 Forbesi Primula..... 2.00 "
Geranium, 16 varieties..... 3.00 "

CASH, PLEASE.

JOS. H. CUNNINGHAM, DELAWARE, OHIO.

Mention The Review when you write.

E. G. Hill & Co.

Wholesale
Florists,

RICHMOND, INDIANA.

Mention The Review when you write.

Always Mention the....

Florists' Review

When Writing Advertisers

CLASSIFIED PLANT ADVERTISEMENTS.

Rate for advertisements under this head, 10 cents a line net, per insertion. New advs. and changes must reach us by Wednesday morning at latest to secure proper classification in issue of Thursday.

ACALYPHA.

Acalypha Sanderi, fine 2½-in. plants, \$3.00 per 100.
The Conard & Jones Co., West Grove, Pa.

AGERATUM.

Ageratum Princess Pauline, the only one to grow. Extra strong, 2½-in., \$2.50 per 100.
South Side Floral Co., Springfield, Ill.

Copes Pet, blue, Lady Isabel, white, 60c per 100; \$5.00 per 1000.
C. Humfeld, Clay Center, Kan.

Ageratum, rooted cuttings, blue and white, \$1.00, Princess Pauline \$1.25 per 100.
Greene & Underhill, Watertown, N. Y.

ALTERNANTHERA.

40,000, 4 varieties, red, yellow, pink and large pink leaved, strong, full of cuttings; were potted last August, 2½-in., \$2.00 per 100.
Morris Floral Co., Morris, Ill.

Alternanthera, rooted cuttings, summer struck, \$1.00 per 100; \$9.00 per 1000.
Greene & Underhill, Watertown, N. Y.

Red and yellow rooted cuttings, 50c per 100.
C. Lengenfelder, Elgin, Ill.

ANTHERICUM.

Anthericum, 3-in., \$6.00 per 100.
Greene & Underhill, Watertown, N. Y.

The Florists' Manual, by William Scott, is a whole library on Commercial Floriculture.

ASPARAGUS.

Fresh seed, A. Sprenger, 75 cts per 100; \$6.00 per 1000. Plumosus nanus, \$1.25 per 100; \$10.00 per 1000. H. H. Berger & Co., 47 Barclay St., New York.

Asparagus Plumosus and Sprenger, 2½-in. pots, \$5.00 per 100. A. Plumosus, 6-in. pots, \$15.00 per 100. The National Plant Co., Dayton, O.

Asparagus Sprenger from 3-in. pots, 5c each; 4-in., 10c each; 4½-in., 15c.
G. R. Oliver, 3 Pleasant St., Bradford, Pa.

A. Sprenger, 3-in. pots, \$1.00 a doz.; 5-in., 25 cts each.
John Bader, Troy Hill, Allegheny, Pa.

A. plumosus, strong, 2-in., \$4.50 per 100; \$40.00 per 1000. Cash. C. Merkel & Son, Mentor, O.

6-ft. strings, 35c each; 8 to 12-ft. strings, 45c each. Cash. H. M. Altick, Dayton, O.

A. plumosus nanus, 5-in., \$3.00 per doz.
John H. Ley, Good Hope, D. C.

BEGONIAS.

Single Rose, scarlet, white, yellow and orange, 40c per doz.; \$2.50 per 100; \$20.00 per 1000. Singles in choicest mixture, 35c per doz.; \$2.00 per 100; \$18.00 per 1000. Double Rose, scarlet, white and yellow, 65c per doz.; \$5.00 per 100; \$40.00 per 1000. Doubles in choicest mixture, 50c per doz.; \$4.00 per 100; \$35.00 per 1000.
H. A. Dreer, 714 Chestnut St., Philadelphia.

Begonia tuberosus, single colors, separate. Per 100, English strain, \$3.50; Belgian, \$2.50. Double colors, separate, English strain, \$5.00; Belgian, \$4.00.
Bobbink & Atkins, Rutherford, N. J.

Begonia Rex, assorted, 2½-in., \$4.00; named, \$6.00. Rooted cuttings, Erfordil, Rex, Incarnate gigantea, \$2.00 per 100.
Greene & Underhill, Watertown, N. Y.

Rubra begonia, 2½-in. pots, \$3.00 per 100; 3-in. pots, \$4.00 per 100. The National Plant Co., Dayton, O.

Best flowering varieties, 4-in., \$1.00 per doz.; \$8.00 per 100. C. Lengenfelder, Elgin, Ill.

15 varieties, flowering, named, 2½-in., \$2.00 per 100.
Morris Floral Co., Morris, Ill.

The Florists' Manual, by William Scott, is a complete reference book for commercial florists.

BOUGAINVILLEAS.

Bougainvillea Sanderiana, strong, from 3-inch pots, 24-30 inches, \$3.00 per 100.
P. J. Berckmans Company, Augusta, Ga.

BULBS.

Ready for delivery now: Tuberous Begonias, extra fine, sound, plump bulbs, 5 colors, separate, pure white rose, scarlet and crimson, orange, yellow. Single, 1-1½ in., doz., 40c; 100, \$2.50; 1000, \$20.00; 1½-2 in., doz., 50c; 100, \$3.00; 1000, \$25.00. Double, 1-1½ in., doz., 70c; 100, \$5.00; 1000, \$45.00; 1½-2 in., doz., 80c; 100, \$6.00; 1000, \$55.00. Gloxinia Crassifolia Erecta. Brilliant colors, best strains, 1-1½ in., doz., 50c; 100, \$3. 1½-2 in., doz., 50 cts; 100, \$4.00. Gladioli. For early forcing, Florists' superb mixture, containing many white and light, doz., 20 cts; 100, \$1.25; 1000, \$10.00. Gladiolus May, one of the best sellers, white rosy, with flakes, doz., 40 cts; 100, \$3.50; 1000, \$20.00. For other sorts see New List issued. Due end December. Excelsior Pearl Tuberoses. Fine white, clean stock, 3-4 in., 100, 50 cts; 1000, \$3.50; 4-6 in., 100, \$1.00; 1000, \$7.00.
H. H. Berger & Co., 47 Barclay St., N. Y.

Best quality at lowest rates. Roman hyacinths, Narciss, Freesia, and other French bulbs for forcing. Bernard Son, 29 Boulevard du Musée Marseille, France. Bulb grower and exporter. Established 1872. Bulbfields-Hyeres, Ollioules. Wholesale only.

We have still on hand some of our Lilly of the Valley pips, the finest that comes to this country at \$10.00 per 1000; case of 3000 at \$9.00 per 1000. J. M. Thorburn & Co., 36 Cortlandt St., New York.

R. Van Der Schoot & Son, Wholesale Bulb Growers, Hillegom, Holland. Our bulb stocks, now covering an area of over 150 acres, are at present the largest of Holland. Est. 1830.

Excelsior Pearl Tuberoses Bulbs and Caladium Esculentum Bulbs for Dec. and Jan. delivery. J. F. Croom & Bro., Magnolia, N. C.

Callas. First size, 4-5-in. circum., \$4.00; second size, 3-4, \$2.00 per 100.
Jackson & Perkins Co., Newark, N. Y.

We are headquarters for Tuberoses Bulbs. Write for prices.
T. W. Wood & Sons, Richmond, Va.

Armstrong's ever-blooming tuberoses. Now ready, \$4.00 per 100.
Luther Armstrong, Kirkwood, Mo.

Spotted leaf Calla bulbs. 50c per doz.; \$2.00 per 100.
S. J. Galloway, Eaton, Ohio.

Bulbs and Plants for Fall and Spring delivery. C. H. Joosten, Importer, 85 Dey St., N. Y.

CALADIUMS.

Fancy leaved Caladiums, 30 choice varieties, \$2.00 per doz.; \$15.00 per 100.
H. A. Dreer, 714 Chestnut St., Philadelphia.

Caladiums, fancy named sorts, large, dry bulbs now ready, \$10.00 per 100.
P. J. Berckmans Company, Augusta, Ga.

CANNAS.

10 varieties, all mixed, single eyes, \$1.00 per 100.
Morris Floral Co., Morris, Ill.

Queen Charlotte, \$3.00. Mme. Crozy, \$2.50. Cash.
Roney Bros., West Grove, Pa.

CARNATIONS.

New carnations. We are now ready to receive orders for strong rooted cuttings. Gen. Maceo, G. H. Crane, Glacier, Morning Glory, \$1.00 per doz.; \$6.00 per 100; \$50.00 per 1000. Gomez, Bradt, 75c per doz.; \$5.00 per 100; \$40.00 per 1000. White Cloud, Gold Nugget, 50c per doz.; \$4.00 per 100; \$30.00 per 1000. Mrs. James Dean, \$3.00 per 100; \$25.00 per 1000. Mrs. Thos. W. Lawson, \$3.00 per doz.; \$14.00 per 100; \$120.00 per 1000. Olympia, \$2.00 per doz.; \$12.00 per 100; \$100.00 per 1,000. Marquis, Genevieve Lord, Ethel Crocker, \$2.00 per doz.; \$10.00 per 100; \$75.00 per 1000. 25 at 100 rate, 250 at 1000 rate. We have fine large stocks and will deliver only strong, well rooted cuttings.
The Cottage Gardens, Queens, N. Y.

Carnation cuttings. Mrs. Lawson, \$14.00 per 100; \$120.00 per 1000. G. H. Crane, \$5.00 per 100; America, \$5.00 per 100; \$40.00 per 1000.

Melba, Leslie Paul and Gov. Griggs, \$4.00 per 100; \$30.00 per 1000. Mrs. Bradt, \$3.00 per 100; \$25.00 per 1000. Frances Joost, Evanston, Jubilee, Victor, \$2.00 per 100; \$15.00 per 1000. White Cloud, \$2.50 per 100; \$20.00 per 1000.

Flora Hill, Gold Nugget and Triumph, \$2.00 per 100; \$15.00 per 1000. Daybreak, Argyle and Armazindy, \$1.25 per 100; \$10.00 per 1000. McGowan, Evelina, Pingree, Scott, Nivea and Morello, \$1.00 per 100; \$7.50 per 1000.

All cuttings sold with express understanding that if not satisfactory they are to be returned at once and money will be refunded.

Peter Reinberg, 51 Wabash Ave., Chicago.

The new light pink carnation, Genevieve Lord is the coming light pink and we recommend it to you as being first class in every way. It has won highest honors where ever shown. Better than Scott in its palmist days. There will be no attempt to over propagate it. First come, first served. \$75.00 per 1000; \$10.00 per 100; \$2.00 per doz. Delivery Feb. 15th. Send for complete description. Also Mrs. Thos. W. Lawson, Crocker, Olympia and the Marquis at introducers' prices.

H. Weber & Sons, Oakland, Md.

Carnation cuttings. G. H. Crane, \$5.00 per 100; Mrs. Bradt, \$3.00 per 100; White Cloud, Mrs. Joost, Triumph and Evanston, \$2.50 per 100; \$20.00 per 1000. Gold Nugget, Mrs. McBurney and Jubilee, \$2.00 per 100; \$15.00 per 1000. Flora Hill, Daybreak, Argyle and Armazindy, \$1.25 per 100; \$10.00 per 1000. McGowan, Evelina, Mayor Pingree, Painted Lady, Wm. Scott, Tidal Wave and Morello, \$1.00 per 100; \$7.50 per 1000. All rooted cuttings sold under the condition that if not satisfactory they are to be returned at once and money will be refunded.
George Reinberg, 51 Wabash Ave., Chicago.

Carnation Cuttings. Ready to ship now, guaranteed well rooted or money refunded. "Old Chestnut," but we say express man must allow purchaser to examine cuttings before accepting and if not satisfactory take the same back. White Cloud, \$2.50 per 100. Gomez, \$4.00 per 100. Melba, \$4.00 per 100. Flora Hill, \$1.50 per 100. Mrs. Joost and Victor, \$2.50 per 100; \$20.00 per 1000. Mayor Pingree, \$1.00 per 100; \$7.50 per 1000. Daybreak, \$1.25 per 100; \$10.00 per 1000. Scott, \$7.00 per 1000. Cash with order. Carl E. Taube, Mercer Floral Co., Trenton, N. J.

Elm City, a grand new white carnation, seedling of Lizzie McGowan and Albertini, in its fifth year. The flowers are large, finely shaped and very fragrant. Petals are heavy, of good substance, nicely fringed. Calyx, strong, after the style of Albertini, none bursting. Stem strong, holding the flower erect. The plant is a good grower and free bloomer. Rooted cuttings ready Feb. 1 at \$1.50 per doz.; \$10.00 per 100; \$70.00 per 1000. We prepay the express when money accompanies the order. M. E. Kraus, 320 Davenport Ave., New Haven, Conn.

Orders booked now in order of receipt for rooted cuttings of the famous Mrs. Thomas W. Lawson, the \$30,000 Queen of Carnations, for spring delivery, commencing Feb. 1, 1900. Prices to the trade only: Per dozen, \$3.00; per 100, \$14.00; per 1000, \$120.00; per 5000, \$500.00; per 10,000, \$800.00. Terms strictly cash or C. O. D. from unknown parties. Address all orders and make all remittances payable to Thos. F. Galvin, 124 Tremont St., Boston, Mass.

Well rooted cuttings. Peach Blow, Wm. Scott, L. McGowan, Bridesmaid, \$1.00 per 100; \$7.50 per 1000. Bridesmaid in pots, \$1.25 per 100. Rose Queen, Armazindy and Albertini, \$1.25 per 100; \$10.00 per 1000. Flora Hill, 2-in. pots, \$2.00 per 100. Emily Pierson and Kohinoor, \$1.50 per 100. Triumph, \$2.00 per 100. Any of above 50 cents extra, 2-in. pots. Cash with order. Logan Ave. Greenhouses, Danville, Ill.

100,000 rooted cuttings, ready to ship. Early orders get the best stock. Mrs. Thos. W. Lawson, \$3.00 per doz.; \$14.00 per 100. Crocker, Olympia, Marquis, Lord, \$1.50 per doz.; \$10.00 per 100. Crane, 60c per doz.; \$4.50 per 100. America, 50c per doz.; \$4.00 per 100. All the other new and standard sorts, for prices see large adv.
Morris Floral Co., Morris, Ill.

PLEASE MENTION THE REVIEW WHEN WRITING ANY OF THESE ADVERTISERS.

CLASSIFIED PLANT ADVERTISEMENTS—CONTINUED.

Rooted cuttings. White Cloud, Mary Wood, Triumph, Frances Joost, Cerise Queen, Painted Lady, Gold Nugget, Empress, \$2.50 per 100; \$20.00 per 1000.

Flora Hill, Scott, Daybreak, \$1.50 per 100; \$10.00 per 1000. Psyche, Armazindy, \$1.50 per 100; \$12.00 per 1000.

G. H. Crane, Leslie Paul, \$5.00 per 100; \$45.00 per 1000. America, Mrs. Bradt, \$5.00 per 100; \$40.00 per 1000. Red Bradt, \$10.00 per 100; \$75.00 per 1000. Jubilee, \$2.00 per 100; \$15.00 per 1000.

Mrs. Thos. W. Lawson, Olympia, The Marquis and Ethel Crocker, at introducers' prices. Bassett & Washburn, 76-78 Wabash Ave., Chicago.

Ethel Crocker. Absolutely the best carnation ever offered the trade. \$10.00 per 100; \$75.00 per 1000. 250 for \$18.75; 25 for \$2.50. Honest sample blooms furnished prepaid at \$1.00 per doz.; amount deducted from all orders for 100 or over. A. M. Herr, Lancaster, Pa.

Rooted cuttings of carnations. Both new and old varieties at lowest prices for good stock. Special rates on orders booked for future delivery. Satisfaction or money refunded. Geo. A. Rackham, 880 Van Dyke Ave., Detroit, Mich.

Chicago Carnation Co. The great and only carnation specialists. Cuttings now ready. For list see display adv. in this issue. Chicago Carnation Co. Greenhouses and address, Joliet, Ill.

Orders taken for February delivery for Rooted Cuttings of Carnations, Scott, McGowan, Mrs. Fisher, Portia and Alaska, 75c per 100; \$6.00 per 1000. Cash with order. Geo. M. Emmans, Newton, N. J.

Orders booked now for rooted cuttings of Daybreak, McGowan, Silver Spray, Tidal Wave, Meteor and Scott, \$6.00 per 1000 and up. Express paid. Write for prices. S. W. Pike, St. Charles, Ill.

600 Kohinoor, \$8.00 the lot; \$1.50 per 100. 25,000 rooted cuttings, McGowan, Scott, Cartledge, Eldorado, Bobolink, \$6.00 per 1000. Cash. Roney Bros., West Grove, Pa.

Freedom, Mangold, R. C., \$1.50 per 100; same and Daybreak, transpl., \$2.00 per 100. Cash. Write for list of others. W. G. Kraber, 35 Tremont St., New Bedford, Mass.

Good, healthy Mrs. Fisher Carnations, rooted cuttings for summer blooming, \$1.00 per 100, \$5.00 per 1000. Wm. Scott, \$1.00 per 100. Andrew Christensen, Stoneham, Mass.

50,000 standard carnations, rooted cuttings, \$7.50 per 100. Descriptive list of 25 choice, up-to-date varieties. Cash. South Side Floral Co., Springfield, Ill.

Flora Hill, \$1.50 per 100; \$14.00 per 1000. L. McGowan and Wm. Scott, \$1.00 per 100; \$9.00 per 1000. C. Humfeld, Clay Center, Kan.

Carnation Seeds. Specialists in pedigree seeds for winter blooming. Contracts solicited. American Rose Co., Washington, D. C.

Rooted cuttings of all the new and leading varieties. Send for prices. Geo. Hancock & Son, Grand Haven, Mich.

Best new and standard varieties. Write for catalogue and prices. W. P. Peacock, Atco, N. J.

Mrs. Fisher, rooted cuttings, from soil, \$1.25 per 100. C. Lengenfelder, Elgin, Ill.

For all the best novelties of the season write N. Smith & Son, Adrian, Mich.

New and standard varieties of Carnations. F. Dorner & Sons Co., Lafayette, Ind.

Rooted cuttings, price list ready. H. F. Littlefield, Worcester, Mass.

CHRYSANTHEMUMS.

The new pink chrysanthemum, Miss Florence E. Denzer is the latest mum. Blooms for Christmas. See cut in Florists' Review of Dec. 21, '99. Rooted cuttings, \$8.00 per 100; 2 1/4-in. pots, \$10.00 per 100. 30 other leading varieties, rooted cuttings, \$9.00 per 1000; 2 1/4-in. pots, \$15.00 per 1000. Ready Mar. 20, 1900. Cash. Anton C. Zvolanek, Summit Ave., West Hoboken, N. J.

We are headquarters for all the best novelties of the season in chrysanthemums. N. Smith & Son, Adrian, Mich.

"Little Chris," bloomed with us continuously from March until January. Plant dwarf, flowers small, white. Sold well at Easter and Decoration Day. Cut back plants from young growth from bottom, 4 and 5-in. pots, 25 and 35c each. Plants from 2-in. pots later. W. T. Bell & Sons, Franklin, Pa.

CINERARIAS.

Benary's, Cannell's and Sutton's prize strains, 2 1/4-in., \$2.00 per 100; 3-in., \$3.00 per 100. Shellroad Greenhouse Co., Grange, Md.

COLEUS.

Coleus, Crimson Verschaffeltii and Golden Queen, \$7.00 per 1000, 75 cts per 100; 2-in. pots, \$1.50 per 100. Coleus in variety, \$5.00 per 1000, 60 cts per 100; 2-in. pots, \$1.25 per 100. Rooted cuttings except where noted. Cash with order. J. E. Felthousen, Schenectady, N. Y.

20 new ones, all named, \$1.00 per doz.; \$4.00 per 100. 30 standard varieties, all named, 2 1/4-in., \$1.50 per 100. Morris Floral Co., Morris, Ill.

Verschaffeltii, Golden Bedder, Queen Victoria, 60c per 100; \$5.00 per 1000. C. Otto Schwabe, Jenkintown, Pa.

Fancy coleus, rooted cuttings, separate colors, 80c per 100; mixed, 60c per 100. Greene & Underhill, Watertown, N. Y.

30 varieties, 70c per 100; \$6.00 per 100. Express paid. S. D. Brant, Clay Center, Kan.

Rooted cuttings, 50c per 100. C. Lengenfelder, Elgin, Ill.

CROTONS.

12 finest sorts, color fine, 4-in., \$1.00 per doz. John H. Ley, Good Hope, D. C.

CUT BLOOMS.

Carnations and violets, fresh cut flowers, direct from grower. Orders filled on short notice. Princess of Wales violet plants from 2 1/4-in. pots, \$2.00 per 100. Long distance 'phone. Evenden Bros., Williamsport, Pa.

High grade carnation blooms. Standing orders solicited. Chicago Carnation Co. Greenhouses and address, Joliet, Ill.

Write Geo. A. Kuhl, Pekin, Ill., for prices on cut roses, carnations and bulb stock.

CYCLAMEN.

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	Inch	Price	Per	Per
	pots each	10	100	1000
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Adiantum Capillus Veneris, 3	.05	.45	4.00	
A. C. V. Imbricatum or Hardy Farleyense3	.15	1.50	
A. C. V. Imbricatum or Hardy Farleyense	.....4	.30	3.00	
Adiantum Cuneatum	.....4	.10	1.00	9.00
Pteris Cretica Alba-Lineata	4	.10	.90	8.00
Selaginella Emmelliana	....2	.04	.30	2.50
Selaginella Emmelliana	....3	.06	.50	4.50
Selaginella Emmelliana	....4	.10	.90	8.00
Nephrolepis Exaltata3	.06	.55	5.00
Nephrolepis Exaltata, str'g.	7	.45	4.00	
N. Tuberosa6	.25	2.00	
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	Pot	H't.	Char.	Per	Per
	in.	in.	lvs.	100.	1000.
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"	4	15-18	2-3	20.00	150
"	5	18-20	4-5	25.00	
Phoenix Canariensis,	4	15-18	4-5	15.00	
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For Easter blooming, 2-in., \$2.00 per 100. In bud, 2½-in., \$3.00. Primula obconica, 2-in., \$2.00; in flats, \$1.50.
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Chinese primroses, strong, 3-inch pots, 50c per doz.; 4-in. pots 75c per doz. C. Eisele, 11th & Jefferson Sts., Philadelphia, Pa.

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All rooted cuttings sold under the condition that if not satisfactory they are to be returned a once and money will be refunded.

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Rooted rose cuttings. Get new blood in your roses. Our cuttings this year are made from grafted plants and only the best wood used. Our prices same as others. Brides, Maids, Meteors, \$1.50 per 100. The new crimson forcing rose Liberty at introducers' prices.
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Place your order now for Perle rose cuttings and plants. Remember they are from the "Perle King" of St. Louis and from prize winning stock. Rooted cuttings, \$1.75 per 100; \$15.00 per 1000. 2-in. pots, \$3.00 per 100; \$25.00 per 1000. Cash or satisfactory references.
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Roses. For Spring Blooming. The proper sorts, Clothilde Soupert, Gen'l Jacqueminot, Coq. des Alps, La France, Coq. des Blancches, etc., fine 1 and 2 year field-grown plants, suitable for 5-in. pot, 5c.
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Bride, Bridesmaid, \$3.00 per 100; 3-in., strong, \$5.00 per 100. Hermosa, Soupert, \$4.00 per 100. Monthly, in variety, \$3.00 per 100. H. P.'s such as Jacque, Dinsmore, Paul Neyron, \$5.00 per 100. H. P.'s in var., \$4.00 per 100.
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Grafted Roses, price list ready.
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Manetti stocks for fall delivery.
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Salvia splendens, 2½-in., \$2.50 per 100; rooted cuttings, \$1.00 per 100.
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THE FLORISTS' REVIEW

G. L. GRANT, EDITOR AND MANAGER.

PUBLISHED EVERY THURSDAY BY

THE FLORISTS' PUBLISHING CO.

520-535 Caxton Building, Chicago,

334 Dearborn Street.

Subscription, \$1.00 a year. To Europe, \$2.00. Subscriptions accepted from those in the trade only.

Advertising rates: Per inch, \$1.00; 1/4 page, \$13.50; full page, \$27.00. Discounts: 6 times, 5 per cent; 13 times, 10 per cent; 26 times, 20 per cent; 52 times, 30 per cent. Discounts allowed only on consecutive insertions. Only strictly trade advertising accepted. Advertisements must reach us by Tuesday to insure insertion in the issue of the following Thursday.

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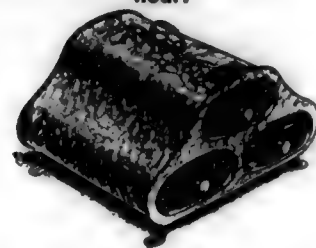
TERRACE PARK, O.—John L. Galoway, the florist and nurseryman, died Jan. 2, aged 76 years. He was one of the pioneers of the Miami Valley. A widow, three sons and one daughter survive him.

ROCHESTER, N. Y.—The forty-fifth annual meeting of the Western New York Horticultural Society will be held in this city Jan. 24 and 25.

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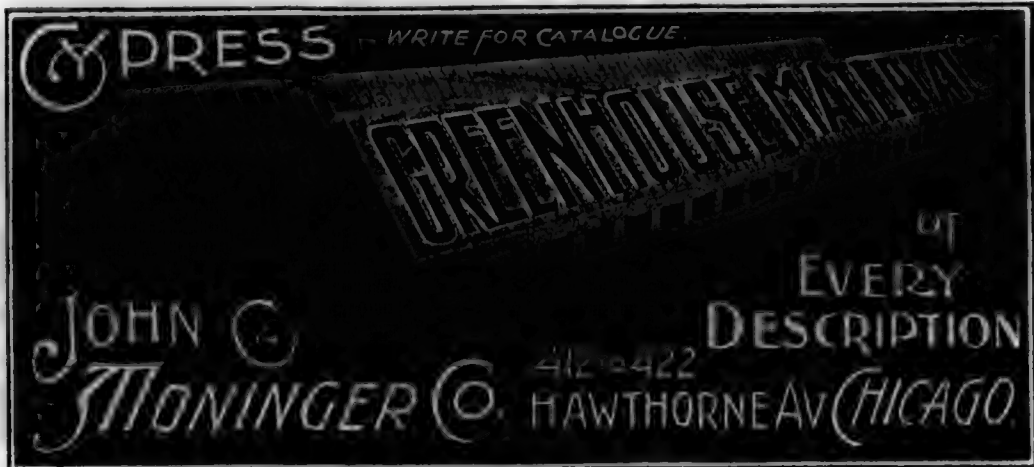
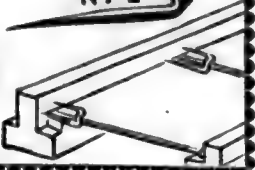
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N° 2



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INDIANAPOLIS.

State Florists' Association.

The State Florists' Association, at their annual meeting held here at the state house on January 9, decided on having a show in November. I say show, but what kind will be decided upon later, as it was decided not to give it that old name "chrysanthemum show" again, that being a chestnut. There has been appointed an attraction committee, and if they find a suitable attraction that will attract it will be given a suitable name and our flowers will be a side issue. This thing of holding a chrysanthemum show is a thing of the past.

The following officers were elected for the ensuing year:

J. A. E. Haugh, Anderson, Ind., president; W. Langstaff, Indianapolis, first vice-president; W. W. Coles, Kokomo, second vice-president; R. McKeand, Indianapolis, secretary; J. T. Huntington, Indianapolis, treasurer.

Executive committee: John Bertermann, H. Rieman, J. T. Huntington, W. W. Coles, Fred Dorner.

Premium committee: J. Hartje, J. Bertermann, H. Rieman, H. Junge.

Attraction committee: H. Junge, J. Heidenreich, A. Nelson.

In connection with the meeting there was a small show and the following awards were made: Bertermann Floral Co., honorable mention for general plant display. H. W. Rieman, same for plants and a vase of mixed carnations. Stuart & Haugh, Anderson, for seedling carnation Avondale, a very good pink, and White Cloud. J. W. Bernard, Marion, Ind., for carnations, Triumph and Crane. Smith-Young Co., for violets.

Pres. E. G. Hill made a neat address, in which he cautioned all of the florists to be up to date and not stick to certain things simply because our great-grandfathers used to grow them.

We are sorry to hear that our brother, Mr. Stuart of Anderson, is ill, and hope for an early recovery.

At the close of the meeting Mr. Hill invited the Indianapolis florists to visit his place on Saturday, February 10. A communication was also read from the

Cincinnati Florists' Club inviting us to visit them. If proper arrangements can be made, we shall visit both places on February 10. After the meeting we retired, as usual, to a bowling alley and rolled a few games. I am sorry I cannot send the scores, but the losing side protested, their scores not being up to the average. **FRED.**

SUMMIT, N. J.

The greenhouses conducted here for many years by W. H. De Forest were almost totally destroyed by fire the night of January 9th. The establishment was a large one, the houses covering several acres. On the night of the fire many of the hydrants in the neighborhood were frozen and this seriously hindered effective work by the firemen.

It is believed that the fire was of incendiary origin, as it started in a place remote from where fires were kept. It is stated that in all probability the houses will not be rebuilt.

Roses were largely grown, and in addition there was a large collection of ferns and palms.

The loss on buildings is estimated at \$50,000, with insurance of \$20,000, and on plants at \$75,000, with no insurance.

DENVER, COLO.

Following are the scores rolled up by the Denver Florists' Bowling Club, January 9:

	1st.	2d.	3d.	Ave.
John Berry	184	148	262	198
A. M. Lewis	185	136	133	151
Ed. Emerich	110	136	136	127
Chas. Mauff	174	183	156	171
Robt. Kurth	150	184	155	163
Oliver Wheatly	148	91	76	105
P. C. Gallup	123	195	176	165
A. A. Benson	118	155	164	146
Al. Mauff	172	150	207	176
Geo. Zimmer	160	123	85	123
Geo. Brinkert	107	99	109	105
John Ferries	98	134	155	129
Chas. Franz	161	129	181	157
Chas. Meyer	110	171	129	137

G. A. Z.

NEWPORT, R. I.—Michael Butler, the well known florist, died Jan. 6, aged 71 years.

ST. JOSEPH, MICH.—August Loeffler has begun rebuilding the houses recently damaged by fire.

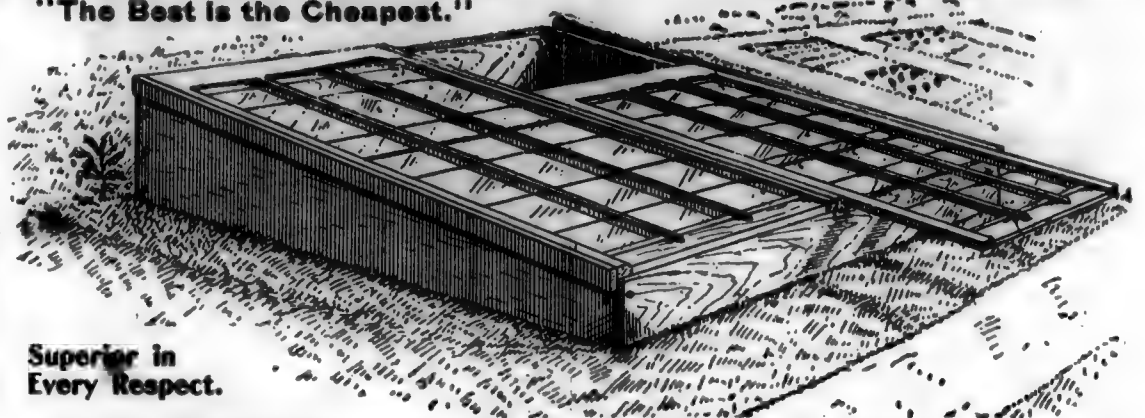
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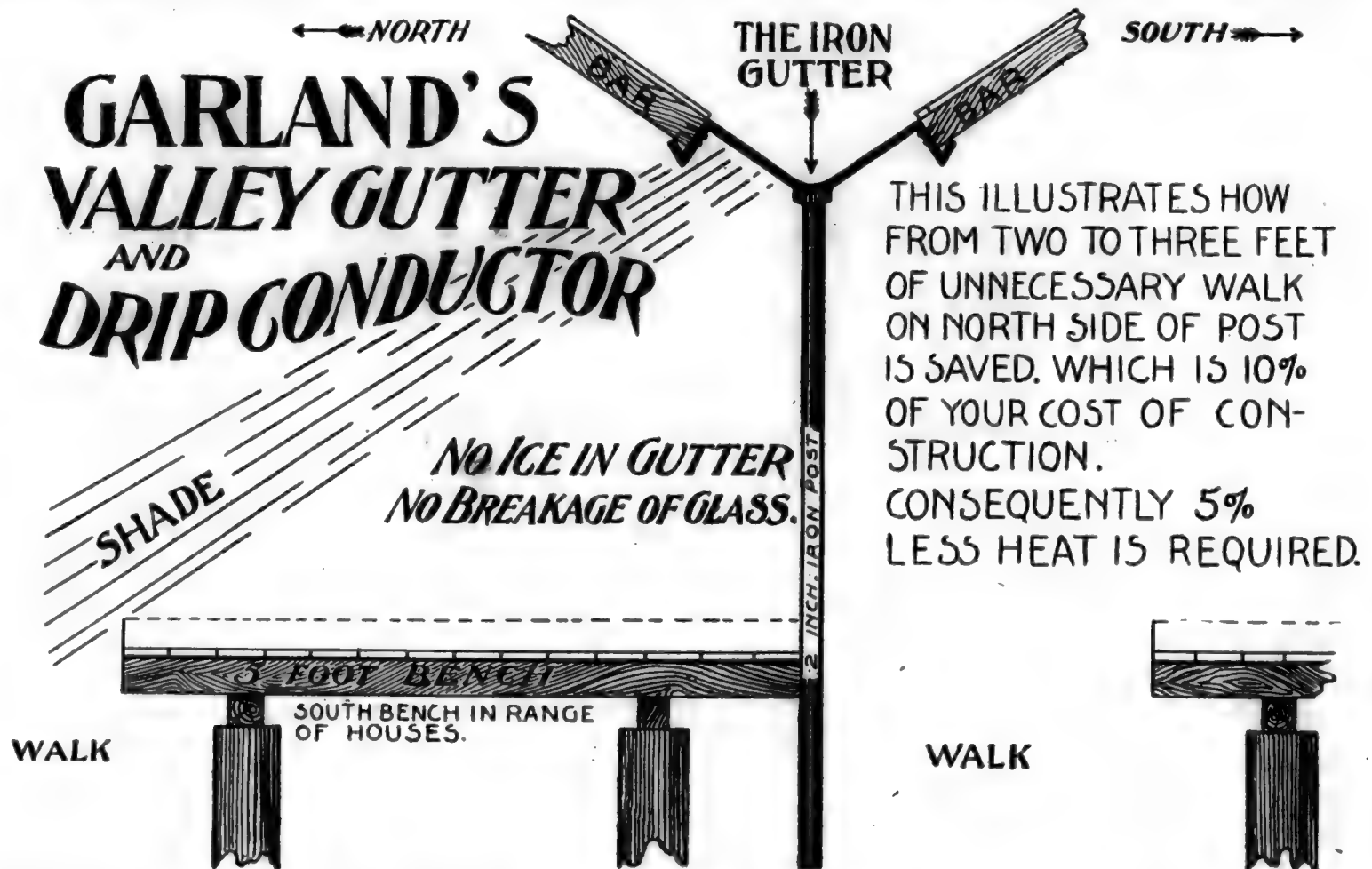
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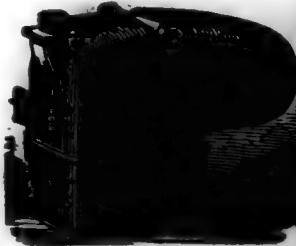
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FLORISTS' PUBLISHING CO., 520-535 Caxton Building, CHICAGO.

Vol. V.

CHICAGO AND NEW YORK, JANUARY 25, 1900.

No. 113.

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For
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COMMENCING FEB. 1, 1900.

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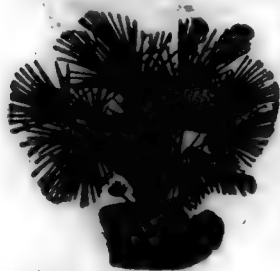
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50 "	30c "
100 "	25c "
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inches high, well covered with buds, at \$6.00
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ACACIA ARMATA.

A pretty Spring flowering variety which
produces its flowers in globular heads from
the axils of the foliage in such a manner as to
completely envelope the plant in a pleasing

light yellow; an excellent plant for Easter forcing, succeeding under the same culture as the Azalea.
A nice lot of bushy plants; 12 to 15 inches high; 5-inch pots, 50 cents each; \$5.00 per dozen.

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Carnations.

If you have been many years in the flower business (we mean, of course, if you were in it when flowers were poor and scarce), perhaps there's nothing connected with it that interests you more than the rapid advancement of the divine flower.

The cultivation of the carnation as a commercial cut flower in America can only be traced back to thirty-six years ago. The first variety was sent out by Wilson in 1863; it was named "Astoria," and was a small yellow flower with red stripes; to compare that wee, insignificant flower to the Dailedouze carnation "666" would be like comparing the United States of today to what they were in '63. And yet the men who struggled to introduce and advance carnation culture in those early days deserve more credit than is given them; and mind you, although we are undoubtedly now getting finer flowers than ever, there are times in the retail store even now when we yearn for one or two of the old favorites of long years ago.

It is only our province here to review the carnation from a retail point of view. From 1863 to 1900 there have been nearly five hundred named varieties of carnations introduced to the American market, and out of that vast army scarcely fifty kinds can be found in cultivation throughout this continent at the present time. To study the history of this beautiful race of flowers is to acquaint oneself with the life—its joys and sorrows—of American floriculture. From the time when Zeller imported the first batch of seedlings from France, all along the road there have been carnations that have almost rivaled the rose in beauty and in popularity. The La Purite of '66, the President Degraw of '67, the Chas. Sumner and Louis Lenoirs of '68—yes, certainly, we will admit, were not sold over marble counters, because the one or two shabby little florists' stores were only just open then; but they brought far higher prices in comparison than the carnations you sell now, and they were more appreciated.

Let's see; it required few flowers in those days to make a wreath or basket. Seldom, if ever, were designs or bouquets made exclusively of them, and

there was no way to get the flowers but to go to the growers for them. (Ask any of the few grey heads in the business about their midnight tramps into the country thirty years ago in search of flowers. They'll astonish you.) It was next to impossible to induce the grower of those days to pick carnations with a stem. There was no disbudding; you had to be satisfied with your flowers picked off at the calyx, and the price varied from 5 to 10 cents each. Foreign stems, such as privet and wire, had to be put on them when used in baskets or bouquets. Even under all these disadvantages they constituted no small portion of the flower trade, and their beauty and fragrance lent many charms to the floral art of that period.

You will find that in every decade since then there has been a new race of carnations springing into existence, and with them higher development and greater refinement in the art of arrangement. In the early '70s carnations were picked, but only in special cases, with stems ranging from 6 to 10 inches in length; then it was that these flowers became popular in exclusive designs—corsage and ball bouquets or carnations were items of the

highest fashion. In 1875 that grand old scarlet Lady Emma gave us color we could only get from geraniums, or poinsettias; the same year gave us the sweet white La Purite; '76 sent us the old Crimson King, the best of its color up to that time. Hinsdale, perhaps the sweetest and in many other ways the best carnation up to 1890, appeared in the same year. In '78 came the beautiful old yellow Buttercup, and in '79 Hinze's White.

Now, the last named six varieties of this glorious race of flowers were of the utmost importance to the ensuing histories of both carnation culture and decorative art. It may be truly said they were not the ideals, but they represented the perfection of cultivation at that time, and they not only furnished the artist with material hitherto unobtainable, but they gave an immeasurable impetus to fashion and our trade and brought wealth to grower and retailer alike. In those days, if Jacqueminot roses were out of season or not to be had, as was mostly the case, and it was impossible to get any crimson rose, Crimson King carnation was nearly always a welcome substitute. Very set and formal floral designs were all the style then and this particular color and flower was very much in demand about that time.

Also, there were a few artists in the trade whose works have never yet been excelled; these men were continually demanding finer grades of stock and the price was seldom considered; the growers in many instances were offered high premiums to produce finer flowers. The finer grade of trade became more exacting; people became dissatisfied with designs containing immortelles and other dried stuff. Art at this period was lifted up to a higher standard. Wreaths were made more graceful and the choicer ones were made entirely of white carnations; loose bunches and baskets of them were often seen. Buttercup carnation was one of the choicest flowers a man could put in his window then,



Irene.

Avondale.

A corner at the Chicago Club's Display last Friday.

and many a good trick is remembered and laughed over about how one would try to get them away from the other. Hinsdale was the first pink carnation that came to the market in great quantity, and for many years it was the best of all for table decorations and bouquets. We like to remember this variety; how lovely it could be arranged with its plentiful buds and foliage. Yes, most of the millionaires' tables of those days were decorated with a centerpiece of Catherine Mermets or Bon Silene roses, and coasters of Hinsdale carnations, and they made a better effect than many of the things we see today.

But few varieties introduced in the '80s amounted to anything. Anna Webb scarcely succeeded in replacing Crimson King; Portia was good, but there was Lady Emma; Garfield became a favorite with some; Grace

flowers have gradually risen to such a state of perfect idealism as to place them in a different class altogether. American hybridizers and growers have simply surpassed—yes, far exceeded—the rest of the world's expectations or dreams concerning this flower. A perusal of some of the leading catalogues issued in Europe at the present time will show you that the old, old varieties are still listed, and a comparison of their methods and products with ours would be to look down from the Pike's Peak of our advanced science to their tortoiseshell of self-satisfaction below.

There are some who believe that if many of the discarded carnations were properly introduced and cared for, far better results would have been obtained from them. Then again, facts seem to prove that varieties deteriorate. This seems to be one of nature's

makes the carnation so popular today is not quality of flower alone, but rather the extensive variety of them; this makes them adaptable for all purposes, and though one kind or color may pay better than the other, it is absolutely necessary to the future of this flower that there shall always be many tones and colors to choose from. Once let it become like the rose and the same result will surely follow. Never were there so many new carnations as there are offered this year, and it looks as if there will be even more in the first of the next century. These claimants to fame are all beautiful, and it is with much regret we think that many of them must meet the fate of others that have gone before.

There are many ways to look at the subject before us. The introducers of new varieties seem to have one ambition nowadays: get a certificate and sell rooted cuttings. That is, of course, commendable. Some growers aim to produce top grade flowers only; that is also good; but we should remember that there always was and always will be a place for average good flowers, which in these ultra high fed days we are apt to sneer at. There are many sorts of highly reputed gems offered now which would be useless only that they produce the largest flowers; it requires special houses, special treatment in general, to produce the ideal carnation of today in a remunerative way; you cannot afford to sell them cheaply, and oh! my friends, there are millions we wish to sell to who cannot afford to pay the price. Let them do without, some will say; but that is a selfish and ignorant view to take. When we have calculated on how much we can get for our stock, we should look down the other side and figure out how cheaply can we produce them without hiring slaves or eating dry bread. We believe there is and will always be room for the two classes of carnations—the fair sized and free flowering, and the extra fine ones.

You must know that there has been many a good thing that never was awarded any recognition until it was compulsory, and there are numerous carnations today to our knowledge which would be ignored by society judges, and yet from a retail standpoint they are far superior to those laden with awards. You, yourself, are capable of being the best judge; if results are satisfactory, that is all you need; don't discard a good thing because it fails to be approved of by another, for variety is really the spice of life in this case. One of the objects of the American Carnation Society reads, "to increase its use as a decorative flower." It would appear that their idea of doing this is to produce fine flowers, for out of the large amount of money offered as prizes by that society not a dollar—no, not even a paltry certificate—has ever been offered to encourage the use of carnations as a decorative flower. And what has made that flower so popular?



Anton Then's display at the Chicago Club Meeting.

Wilder, introduced in 1881, got to be the most popular carnation until the advent of Wm. Scott. Grace Wilder at one time was all the rage; it was looked upon as a marvel in color. This one flower alone succeeded in revolutionizing the color tones in decorations; it created the fad of pink luncheons and teas; dresses were specially imported from Paris to match its beautiful flush; debutantes and reigning belles demanded it for bouquets at receptions; houses of it were specially grown to order. We remember the Patriarchs' balls at old Delmonico's. We used to have wire frames made in the shape of curtains on the windows; these frames were mossed very lightly, then covered with smilax; over that short carnation foliage, and then the whole was made a mass of Grace Wilder carnations. Often as many as ten thousand of these flowers were thus used for one of these memorable events. It seems such a short time ago, and yet one of our dear friends keeps telling us we have two grey hairs.

Well, most of those in the business today are familiar with the carnations of the past decade. Since 1890 these

laws applicable and in force through every sphere of creation. Plant life is but a parallel of human life and we must sooner or later recognize it as such. Intelligent growers will not continue to grow from their own stock year after year, until exhausted vitality induces them to condemn the victim and not their shortsightedness.

Lizzie McGowan, sent out in '90, was the largest carnation of that time. The large boutonniere originated with this variety and it was in many other ways responsible for the demand for larger flowers. All will agree that there has been more money made out of Wm. Scott, introduced in '93, than of any other variety, and though it is fast losing quality, we fear it will be some time yet before one will appear to equal it in every way.

A great deal of the credit for the advancement in excellence and popularity of the carnation must be given to the American Carnation Society; their success goes to prove that all special lines of commercial flowers need a protecting and encouraging hand to advance them. The rose has fallen into disfavor because growers can only offer a few varieties. What

Yes, 'tis true there is a great carnation show and meeting held every year; fine blooms are exhibited in jars, but art is not even invited there. How very narrow are the real aims and workings of some associations. Your flowers may be fine, but let a novice take them into the homes of the rich and put them on the table and they are not satisfactory; the man who by his ability arranges your flowers and extracts a good price for them is deserving of some recognition as well as you, Mr. Grower; he is the pilot of your boat.

The carnations of 1900 are magnificent in size of bloom and length of stem; they leave little to be desired; but no flower is natural, no flower is perfect, stripped of its foliage. We certainly cannot compare these grand flowers of today to those of thirty years ago, but those comparably poor little blooms when accompanied with their own leaves were often capable of producing finer artistic effects than the loud, naked hussies of the present. We venture to assert that out of the hundreds of thousands of carnations coming into the markets daily, not a bud nor a sprig of foliage can be found. Now, every artist knows the value of these, and the day is coming when they will be demanded.

Carnations are now being used in every form of decoration and the possibilities are unlimited. They are rivaling the rose in every quarter. Wreaths of white or delicate colored carnations can be made up to equal any flower, but it is wrong to imagine that smilax, asparagus or ferns are

son, Gold Nugget for yellow, Mrs. Bradt for striped. We cannot yet do without Scott, and Flora Hill has paid many better than any other white. We find that carnations, like many other flowers, are subject to climatic influences, and some kinds do better than others in certain localities. We must leave them now for another time.

IVERA.

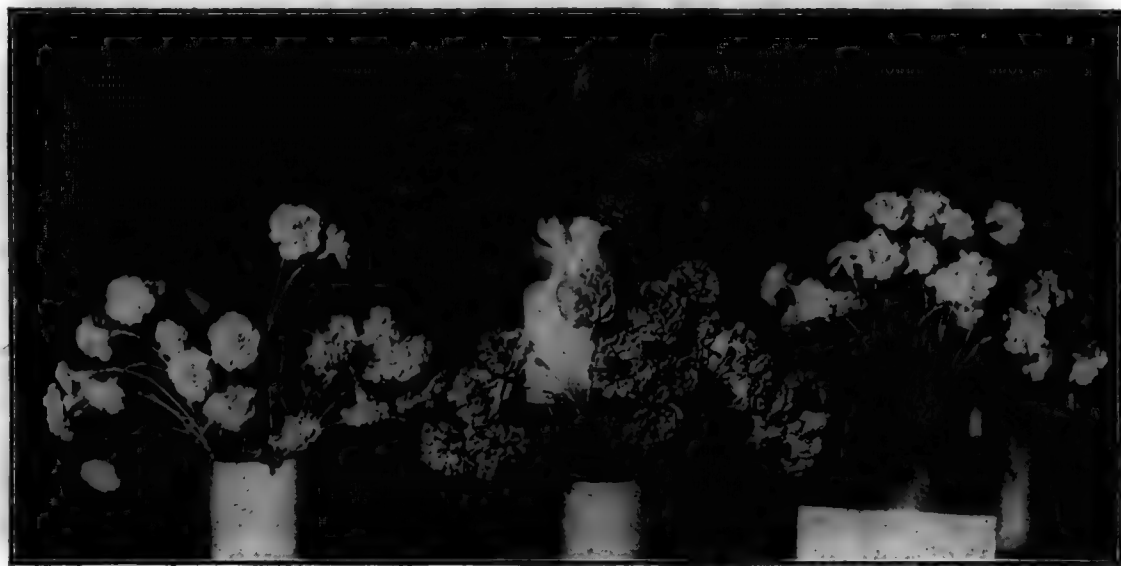
CHICAGO.

Carnation Exhibition.

The Florists' Club's exhibition of carnations last Friday was a most excellent one and brought out a large attendance, the hall being crowded all

Cresco, Ia.; W. T. Symonds, Decorah, Ia.; J. J. Van Leuwen, Detroit, Mich.; J. M. Smeley, Aurora, Ill., and many others from nearby points.

Among the new carnations displayed there was a remarkable lot from R. Witterstaetter, Sedamsville, O., one of which, Enquirer, a splendid pink, scored 100 points by the scale of the American Carnation Society, the judges being Messrs. E. Buettner, A. McAdams, and F. F. Benthey. It certainly is a magnificent flower and worthy of all praise. The whole set was exceedingly good. Estelle, a scarlet, scoring 97 points; Opal, shell pink, 93 points; Elinora, white, 93 points; Rosamond, pink, 91 points.



Opal.

Estelle.
Enquirer.

Elinora.



Wictor's Pink sport of
Armazindy.

Mary Hill.
J. Whitcomb Riley.

Ethel Crocker.
Indiana.

New Carnations at the Chicago Club Meeting.

the proper embellishments to use. We have often been asked for opinions of the kinds growing today. Of course, everybody will have the great Lawson—that's a certainty. White Cloud is the finest white, Crane the grandest scarlet, Mrs. James Dean the most beautiful light pink, Joost a mighty good dark pink, Maceo the best crim-

son, Gold Nugget for yellow, Mrs. Bradt for striped. We cannot yet do without Scott, and Flora Hill has paid many better than any other white. We find that carnations, like many other flowers, are subject to climatic influences, and some kinds do better than others in certain localities. We must leave them now for another time.

Mr. Witterstaetter has a remarkably fine set of new sorts that will surely be heard from later. Each variety received the club's certificate.

E. G. Hill & Co., Richmond, Ind., also showed some striking new ones, Mary Hill, pink, scoring 95 points; Indiana, red, scoring 90 points; Ethel Crocker, pink, scoring 88 points; J. Whitcomb Riley, white variegated, scoring 86 points; and California Gold, yellow streaked red, scoring 85 points. Each was awarded the club's certificate of merit.

The Chicago Carnation Co., Joliet, Ill., displayed a large collection of seedlings. One of these, No. 55, pink, scored 85 points and won a certificate. They also won a certificate with Weber's Genevieve Lord, pink, which also scored 85 points. Of their other seedlings, No. 48, white, scored 80 points; No. 64, pink, 77 points; Mrs. J. J. Mitchell, red, 80 points; Mrs. Potter Palmer, red, 60 points; Chicot, white, 80 points; No. 32, red, 60 points; No. 99, pink, 80 points; No. 106, red, 80 points.

There was a great variety of seedlings from F. Dorner & Sons Co., Lafayette, Ind., but they seemed to have traveled poorly, which made it difficult to judge them fairly. Special mention was given the variety Morning Glory, and honorable mention to the collection which in the opinion of the judges contained many good va-

rieties which would be heard from later. One flower was a pleasing shade of pure yellow, and there were several new shades of color. It was a very interesting lot.

H. Weber & Sons, Oakland, Md., received honorable mention for Genevieve Lord, and certificates for two fine seedlings, No. 30, pink, scoring 88 points, and No. 110, white, scoring 87 points.

A handsome vase of the new pink carnation Irene, from Crabb & Hunter, Grand Rapids, Mich., was a striking feature. The variety scored 92 points and received the club's certificate.

Several pink sports from Armazindy were shown, two large vases of their sport, displayed by Wietor Bros., Chicago, attracting special attention. The flower scored 90 points and received the club's certificate.

The sport shown by Mr. Becker, Chicago, was apparently identical with the above, and scored the same, as did also another sport shown by the gardener of the Guardian Angel's Orphan's Home, Chicago. Both received certificates.

Stuart & Haugh, Anderson, Ind., displayed Avondale, pink, which scored 90 also and was certificated.

Olympia, a white variegated of large size, sent by J. N. May, Summit, N. J., scored 85 points and received a certificate.

In standard sorts, the finest display was made by Anton Then, city, who showed some superb specimens of White Cloud, Bratt, Daybreak, Jubilee, Triumph, Scott, Tidal Wave, McGowan, Evelina, Argyle, Flora Hill, and Red Bratt. He received honorable mention for this display, also for a collection of finely bloomed Baby primroses and Primula obconica.

A very prominent feature was the display of roses and carnations from J. F. Wilcox, Council Bluffs, Ia., containing 16 vases. A vase of superb Beauties were better than a 250 bowling score, and the Brides, Maids, Meteors, and Golden Gates were all extra good. He also displayed standard varieties of carnations and was given honorable mention for his display.

The Omaha Florists' Club sent a vase of seedling carnations which received honorable mention, which honor was also accorded to Miller & Sons, Bracondale, Toronto, Ont., for their new carnation Lady Minto, white variegated, and Lady Van Horne, dark pink; to J. B. Goetz, Saginaw, Mich., for red seedling; to Lake Geneva Floral Co., Lake Geneva, Wis., for Catbird, an improved Tidal Wave; to Brown & Canfield, Springfield, Ill., for Albertini; to H. D. Rohrer, Lancaster, Pa., for Albertini, New York, and Lily Dean; to J. C. Murray, Peoria, Ill., for display of standard varieties of carnations and Princess of Wales violets; to Philip Hellig, Franklin, Pa., for six seedling carnations; to Bassett & Washburn, Chicago, for seedling No. 1, white, which scored 80 points; to Bohemian Cemetery Co., for red seed-

ling; to Logan Avenue Greenhouses, Danville, Ill., for white sport from Rose Queen; to E. T. Graves, Richmond, Ind., for vase of fine White Cloud; to Ernst Asmus, West Hoboken, N. J., for vase of new crimson rose Liberty; to H. N. Bruns, Chicago, for display of fine lily of the valley; to A. McAdams, city, for Cattleyas, both cut and on the plant; to Crabb & Hunter, Grand Rapids, Mich., for double and single violets; to John Felke, Wilmette, Ill., for four vases of carnations and a bunch of sweet peas; to Schramm Bros., Arlington Heights, Ill., for double violets; to J. C. Vaughan, city, for vase of seedlings.

Club Meeting.

At the club meeting in the evening, which was held in the exhibition hall, there was a large attendance. The report of the judges was accepted and ordered spread on the records.

President Hartshorne called for comments on the display and on the progress shown in the carnation since the last exhibition.

Mr. J. G. Hancock noted a very great improvement over former displays, and expressed much gratification at the progress made. Mr. J. S. Wilson said he thought a great deal of Enquirer, and was pleased to note that his opinion was indorsed by that of the judges. He had seen Mr. Witterstaetter's new varieties growing and found that his notes made as to Estelle were that it was a dwarf grower, stems about 18 inches long, Portia color, early, free, and clean. He believed it would prove a fine commercial sort.

Mr. Geo. F. Crabb was pleased to note the steady advance in the value of the novelties. He was sure the new sorts were needed to take the places of old ones that seemed to be wearing out.

Mr. E. G. Hill missed his old friend Aug. Dresel, who crossed swords with him at a previous carnation meeting. He congratulated the club on the grand display which he believed was the best ever seen with the exception of those at the annual meetings of the American Carnation Society. He was pleased to note the uniform excellence of the blooms on exhibition. He urged all to attend the coming meeting of the American Carnation Society at Buffalo next month.

Mr. F. F. Benthey spoke of the old time carnation and said that the old sorts must go in response to the steadily increasing demand for high grade blooms.

Mr. F. Dorner, Jr., noted a great difference in the carnations grown around Chicago now as compared with those seen here only a few years ago. He predicted that Scott has seen its day, and that there was a bright future for such sorts as Mary Hill, Ethel Crocker, The Marquis, Genevieve Lord, Enquirer, Estelle, Elinora, and others. He said that growers of new varieties can now more easily determine whether a seedling has the qualities necessary to

make it a useful commercial sort, as this was foreshadowed by the habit of growth as well as freedom of bloom.

Mr. Anton Then regretted that more Chicago growers had not brought some of their flowers to the exhibition. He preached a pointed sermon on the importance of every one doing his part for the general good.

Mr. Edgar Sanders was proud that the club had got together such a fine display and that it had drawn out such a large gathering of the craft. He told of the very early days when carnations were grown in pots for cut flowers and when a dozen blooms was considered a good sized cut.

Mr. W. S. Heffron, speaking for the wholesalers, found that blooms of the new varieties sold better the second year than the first and attributed it to the fact that the growers then understood the care of the variety better. He had noted a great difference in the keeping qualities of the blooms. Some went quickly to sleep and others were even better the second day. He thought it was a matter worthy of study. He felt it would be a mistake to grow all fancy sorts, as there would always be a call for commons, which could be more cheaply produced and offered at lower rates than the fancy sorts.

President Hartshorne being called for, said he would not care to grow the common sorts for the market today, as there was no money in it. And as to productiveness, he could get twice as many flowers from G. H. Crane as from the old Garfield.

Mr. Luke Collins, foreman for Wietor Bros., said Armazindy and its pink sport had produced as many flowers as any old sort, not excepting Scott.

Mr. E. E. Pieser, of Kennicott Bros. Co., said the fancy grades of flowers would always bring a price proportionately higher than others, and that the demand for the best grades was continually expanding. This was also the opinion of Mr. J. B. Deamud.

Mr. P. J. Hauswirth, speaking for the retailers, said the people were now willing to pay an adequate price for really high-grade blooms, and this was indorsed by Mr. I. C. Silliman, and Mr. E. Enders.

Mr. Geo. Collins, foreman for Peter Reinberg, and Mr. N. H. Gano also took part in the discussion.

The thanks of the club were extended to the exhibitors by a unanimous vote and the meeting adjourned.

The Market.

Roses are even scarcer than last week and prices are very firmly maintained. Carnations are in good supply and all tastes and purses can be suited. In these there is no change in figures from last week. Harrisii is more frequently seen in the market and the blooms are selling well at good figures. Other bulbous stuff moves very slowly.

Mr. E. E. Pieser, of Kennicott Bros. Co., says it was a Christmas on Monday and a Fourth of July on Tuesday, the slow trade of the last named day being due to the exceedingly short supply of roses.

E. H. Hunt is receiving the first lilac of the season.

Various Items.

Last Saturday was the fifteenth anniversary of the marriage of Mr. and Mrs. Walter Kreitling and in the evening they received the congratulations of their friends at a dancing party in Kindergarten Hall. The program was interspersed with recitations by Prof. Carnes and his daughter and refreshments were served. A large bunch of the new pink carnation, Irene, decorated the table. Quite a large number was present and all enjoyed themselves heartily. A feature of the refreshments was a little blind pig that Walter had prepared all by himself. It was done to a turn.

McKellar & Winterson have long handled hardy cut ferns largely and last week they sold 160,000 in one day. They will handle the stock of the fine

NEW YORK.

Crumbs from the Banquet Table.

'Twas a great affair and the room was full of stars.

W. N. Rudd discovered that the Chicago Indians were not to be compared with the New York tribe.

One end of the table was remarkable for dignity, diamonds and flowers; the other end for hilarity, smilax and galax leaves.

Messrs. Asmus and May were up to date on boutonnières. Liberty roses and Olympia carnations were much appreciated.

The Teuton ignored Burgundy and hugged his Steinwein; vice versa the Gaul; but all nations agreed on champagne.

If full dress suits were put on one side the table the effect would be more artistic and amusing.

Nine of the toasts were on "Horti-

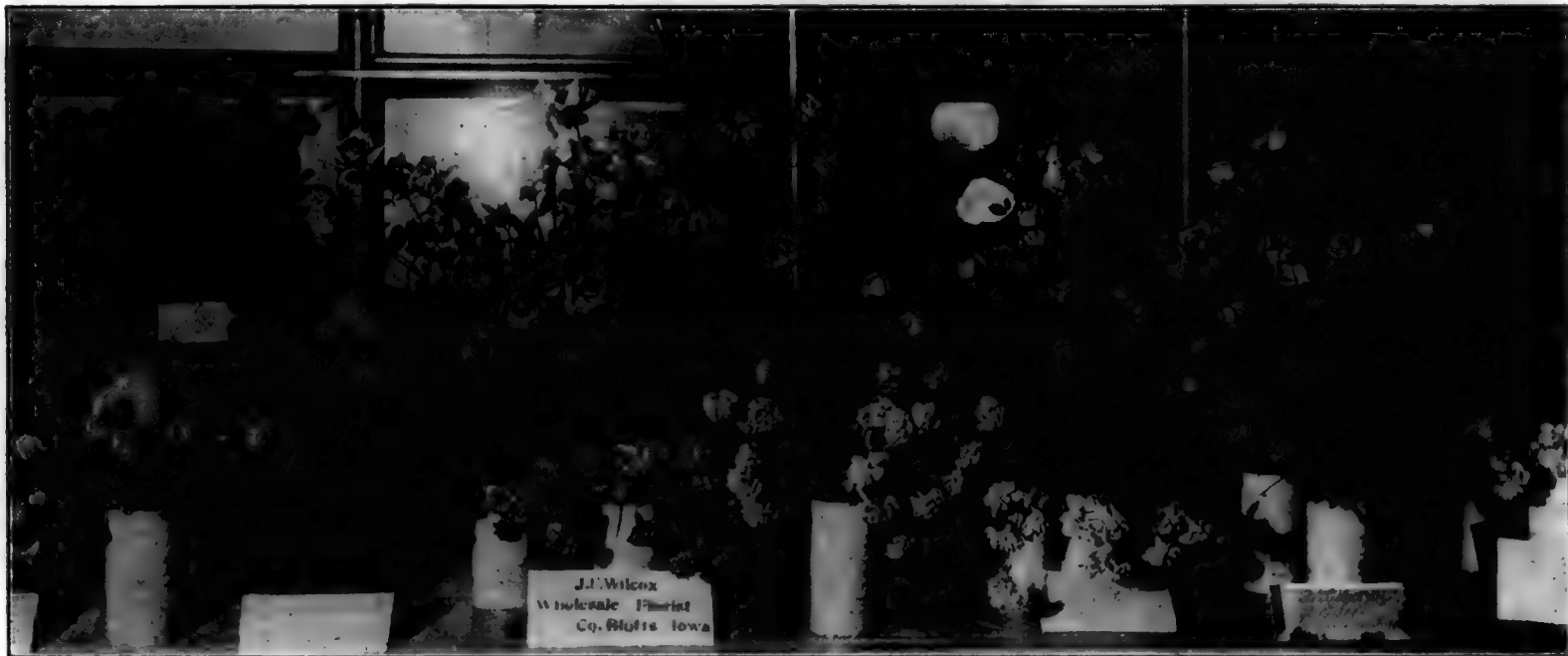
About ten states were represented and altogether it was a memorable night.

Menu.

Celery	Oysters	Radishes
	Italian Salad	
	Chicken Bennoise.	
Steinwein	Red Snapper	Dijonnaise
Sliced Cucumbers	Boiled Potatoes	
Burgundy	Filet Mignon	Metropolitan
New Peas	Philadelphia Squab	Spaghetti
Champagne		Salad
	Sponge Pudding	
Metropolitan Ice Cream	Assorted Cakes	
	Compote of Fruit	
Camembert and Roquefort	Cheese	
	Toasted Crackers	
Cigars		Coffee
New York Florists' Club, St. Denis Hotel, January 17, 1900.		

President Wood's idea of a home for the S. A. F. in New York is a good one and should be seriously considered at the next convention.

After Posey Carmody had almost claimed the earth and heaven for In-



Display of J. F. Wilcox, Council Bluffs, Ia., at the Chicago Club Meeting.

new carnation Pink Beauty, that originated with Jacob Rusler.

Mr. Frank Garland, of Des Plaines, met with an unpleasant accident last Friday. While assisting in unloading a new boiler a roller slipped out and let the boiler down on his fingers. It was a close call for the fingers and he now offers his left hand when greeting friends.

Bowling.

The bowling team played another league game last Friday night and again lost three straight games. The scores of the florists follow:

				Av.
Coulson	165	181	156	167
Asmus	153	140	167	155
Winterson	166	132	147	148
Degnan	128	110	157	131
Balluff	138	106	136	126

Later.—The bowling team captured a league game last Tuesday evening from the Auburn Park Club's team. Ed. Winterson did splendid work, making 198 in the winning game and an average of 174 for the three games.

culture," and yet our friend Herrington thought it "a tail to a tailless horse." Perhaps the tail is where the head should be.

There were several presidents of singing societies present, but alas! apropos of a superabundance of talent wouldn't it be well to make it a day and night affair?

Most of the local horticultural societies were represented by their presidents, but none spoke; it was an affair of big guns and blank cartridges.

The improvised press table was O. K., but the seats were duly paid for. If the club can afford to invite as many as it did, the courtesy might also be extended to the press. Much is expected from the prints this year; "one good turn deserves another." Besides, how can we make note of all the little jokes, laughs and orations and eat five-dollar dinners at the same time?

Robert Craig's appeal for the rose was all right and should be heartily responded to.

diana, Alderman Morris succeeded in proving New York's share of glory.

J. Austin Shaw's "Rooster" started to crow before daylight.

John Westcott gave fair warning anent sports and what the Philadelphians intended to do next August.

Mr. Ward made a happy refutation of the Carnation Society's alleged standing towards the S. A. F.

The "Brave old Duke of York" seems to be getting younger all the time.

Some very fine flowers were arranged on the table by W. I. Brower. They were donated by the following: W. A. Manda, collection of rare cypripediums; H. A. Siebrecht, vase of orchids and anthuriums; J. G. Esler, seedling carnation; David Gindra, bignonias; Lager & Hurrell, vases of cattleyas, labiata, Tranae and Choensis; Dailedouze Bros., bunches of their new carnations, "666" and James Whitcomb Riley; W. H. Siebrecht, Asparagus plumosus and Sprengeri. There was quite a display of mignonette, Rudolph Asmus, Robert McMil-

lan, J. N. May and C. H. Allen each sending samples of their special strains. J. N. May also sent a batch of his new carnation Olympia; Ernst Asmus, some splendid Liberty roses; A. Herrington, vases of Cattleya Trianae and Cypripedium nitens; C. W. Ward, some of his beautiful white lilac; A. Schultheis, azaleas and ericas; J. H. Taylor, Scott carnations; W. Sheridan and John Young, smilax; H. Bunyard, galax and leucothoe. The decorations were confined to the table.

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Visitors.

This city has been honored by many distinguished visitors during the past week, and they, in a sensible way, organized themselves into parties to see the sights. We venture to say there isn't much of any account around N. Y. C. that they haven't seen and sized up. The new carnations and roses received special attention as a matter of business, of course.

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WHOLESALESAERS.

		Match
		Game.
L. Hafner ..	191	137 179
P. O'Mara ..		150
W. Siebrecht ..	105	125 90
F. Atkins ..		119
W. Manda ..		100
J. Moody ..	149	162 128
N. Butterbach ..		110
H. Kettle ..		105
C. Woerner ..	97	75 112
R. Clucas ..		140
Total ..		1,233

RETAILERS.

		Match
		Game.
F. Traendly ..		124
T. Lang ..	135	154 145
A. Burns ..		135
J. Manda ..		129
W. Bartholomae ..		127
J. Withers ..		110
W. Sheridan ..		57
J. Taylor ..	75	90 74
E. Steffens ..		106
J. Donlan ..	139	148 125
Total ..		1,143

J. I. D.

PHILADELPHIA.

The Market.

There seems to be no change in the tone of the market; most of the stores report business just moving and that's all. We have had considerable cloudy weather during the past week, hence the supply does not exceed the demand to any great extent.

Beauties, \$1 to \$6 per dozen; Brides, Maids, Kaiserins and Meteors, \$3 to \$8; fancy, \$8 to \$12; Gontiers, \$3 to \$5; Perles, \$3 to \$6. Cattleyas, \$40 to \$50; cypripediums, \$15; dendrobiums, \$25; carnations, \$1 to \$2; fancy, \$3; hyacinths, \$2 to \$4; narcissus, \$3 to \$4; tulips, \$4; valley, \$3 to \$4; mignonette, \$3 to \$4; violets, single, 25 to 50 cents; double, 50 cents to \$1; adiantums, \$1; asparagus, 50 cents; smilax, 15 cents.

Adolph Farnwalt is sending in some very fine Beauties, Brides and Maids, the latter bringing \$8 to \$12.

Various Items.

Prof. Cowell, of the Botanical Gardens, Buffalo; Thos. Rowland, Nahant, Mass.; Peter Fisher, Ellis, Mass., and John Scott, of Keap street, Brooklyn, have been in the city the past week.

We regret very much to announce

the death of Mrs. Hugh Graham on Tuesday, after several weeks' illness, and also the death of Mrs. Harry Michell on Thursday. The bereaved families have the sympathy of the trade. R.

WASHINGTON.

With seven days of cloudy and rainy weather, business has been fairly good. Roses of all kinds are pale in color and weak in the stem. Carnations seem to be a glut everywhere; here and there cards can be seen 15 and 25 cents per dozen. Harrisii are now coming in, but the percentage of diseased ones runs greater than in former years. The opinion of most of the growers is that after this season they will grow only longiflorum.

J. R. Freeman and the American Rose Company are cutting some very fine carnations—in fact, some of the finest they ever grew. The latter firm are also cutting some very fine roses of their new rose Ivory, a sport of Golden Gate. From all appearances it has come to stay.

N. Studer is now propagating immense quantities of his two new ferns which he intends to exhibit at the Paris Exposition, for which he is making great preparations. The firms of D. Z. Blackstone and F. W. Bolgiano have been kept quite busy in the past week with some very fine reception orders.

Theodore Dietrich, who makes a specialty of growing violets, has a new house 150 by 25, planted with Lady Hume Campbell and Faulkner, which would do a person good to see. This is the most successful season he has ever had. His entire crop for several years has been bought by J. H. Small & Son at a fine figure.

The firm of Shine & Davidson has made its appearance in Center Market with a very handsome stand.

At the cabinet dinner given by the Secretary of the Treasury to the President, the decorations were the rose Ivory, the American Rose Company's white sport of Golden Gate, and their new winter blooming coral red begonia. This begonia is one of the most effective flowers for table decoration and is receiving a flattering reception in social circles.

The prices for the past week have been as follows: Kaiserins, Brides, Meteors and Maids, 6 to 8 cents; Perles and Golden Gates, 6 to 10 cents; La France, extra, 10 to 15 cents; carnations, 1 to 1½ cents; valley, 4 to 6 cents; Romans, your own price; narcissus, 1½ to 3 cents; tulips, 3 cents; violets, 50 to 75 cents; mignonette, 2 to 4 cents; adiantum, 1 cent; asparagus, 50 cents and very scarce; smilax, 12½ to 20 cents. Blooming plants: Azaleas, \$1 to \$1.50; primroses, 8 to 15 cents; cyclamens, 15 to 50 cents; c'ne-rarias, 25 to 50 cents; Harrisii plants, 25 to 50 cents.

Visitors: Mr. Hagemann, of New York; Mr. Eschner, of Rice & Co., of Philadelphia; Mr. Evenden, of Evenden Bros., of Williamsport, Pa.

F. H. KRAMER.



Decoration by John Breitmeyer & Sons, Detroit, Mich.

BALTIMORE.

The Florists' Exchange of this city, the one clearing or commission house here facilitating sales of cut flowers by growers to retail dealers, held its annual meeting on the 8th. The report of its operations for the business year showed an aggregate of about \$30,000—a wholesome growth for the year. The house, which was a very modest venture at the start, has made steady and encouraging advances.

Begun without intent to serve as a money-maker, it has proved an efficient agency for distribution of the products of the flower growers of this vicinity, and includes among its regular patrons about forty producers and practically all the retailers of this city, besides others at distant points. It is a noteworthy fact that in this city of over half a million population, and where nearly four hundred firms or individuals do a retail business, there is no other wholesale florist or commission house.

The success of this institution is largely due to its manager, Mr. Alexander Scott, who combines correct business principles, suavity of manner and an inflexible integrity which is known and recognized by all men. He is a brother of your well known contributor, William Scott, and the physical resemblance between them is marked.

Apropos of the distinguished Bufalonian, it may be in place to record that the ire evoked in Baltimore a year or less ago by his critical, not to say caustic, comments in the Review on trade conditions in this city, all disappeared as the dew before the rising sun when his genial and charming personality was projected into our circle at the annual dinner during the chrysanthemum show, and that he left the Monumental City not only forgiven for past sins, but beloved for his very faults—if he has any.

In the trade about this center the White Maman Cochet rose has made a mark for itself and is being largely grown—so largely, indeed, that it has in a great measure superseded the Kaiserin grown under glass for summer use. Like its pink type, it seems to revel in hot weather, has a fine form, abundant substance, and stands up much better in making up than roses grown in the house.

A curious incident is related of the discovery of this sport from the pink Cochet by Mr. John Cook, of this city, which is deserving of being put on record. Visiting one of his houses where he had on a bench about four hundred Maman Cochets in 4-inch pots, Mr. Cook saw from the head of the path that amongst them was a white flower. His mental suggestion was that a Kaiserin had gotten into the batch by some mistake; but short-

ly afterwards he saw that it was a sport. From the shoot which gave the white flower he secured four cuttings, and of these the upper two gave white flowers and the lower two pink ones.

Of Mr. Cook it may be said that, whilst he cannot be classed any longer among the young men, he is yet alert, active and enterprising, and no member of the trade keeps more fully up to the requirements of the day, or has any more thorough respect for his fellow men of all professions. His work of producing new varieties of roses goes on unremittingly, and, indeed, is followed more almost by habit, or for recreation, than as a matter of business; but doubtless he finds ample commercial rewards when he produces such sorts as his seedling roses Souvenir de Wootton, Mrs. Robert Garrett and Baltimore. He is now giving attention to carnations, and for many years has been hybridizing fruits of several families.

Mr. Cook worked first in this city for the late Robert Halliday, whose grandsons are still in the front rank of florists of this city, and later was gardener for J. Howard McHenry, one of the amateurs of an era when the highest skill was demanded in his service and who appreciated the products of the gardener's genius and toil. Entering business for himself, Mr. Cook has gained steadily in every way—in reputation, in material prosperity

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The Market.

There seems to be no change in the tone of the market; most of the stores report business just moving and that's all. We have had considerable cloudy weather during the past week, hence the supply does not exceed the demand to any great extent.

Beauties, \$1 to \$6 per dozen; Brides, Maids, Kaiserins and Meteors, \$3 to \$8; fancy, \$8 to \$12; Gontiers, \$3 to \$5; Perles, \$3 to \$6. Cattleyas, \$40 to \$50; cypripediums, \$15; dendrobiums, \$25; carnations, \$1 to \$2; fancy, \$3; hyacinths, \$2 to \$4; narcissus, \$3 to \$4; tulips, \$4; valley, \$3 to \$4; mignonette, \$3 to \$4; violets, single, 25 to 50 cents; double, 50 cents to \$1; adiantums, \$1; asparagus, 50 cents; smilax, 15 cents.

Adolph Farnwalt is sending in some very fine Beauties, Brides and Maids, the latter bringing \$8 to \$12.

Various Items.

Prof. Cowell, of the Botanical Gardens, Buffalo; Thos. Rowland, Nahant, Mass.; Peter Fisher, Ellis, Mass., and John Scott, of Keap street, Brooklyn, have been in the city the past week.

We regret very much to announce

the death of Mrs. Hugh Graham on Tuesday, after several weeks' illness, and also the death of Mrs. Harry Michell on Thursday. The bereaved families have the sympathy of the trade. R.

WASHINGTON.

With seven days of cloudy and rainy weather, business has been fairly good. Roses of all kinds are pale in color and weak in the stem. Carnations seem to be a glut everywhere; here and there cards can be seen 15 and 25 cents per dozen. Harrisii are now coming in, but the percentage of diseased ones runs greater than in former years. The opinion of most of the growers is that after this season they will grow only longiflorum.

J. R. Freeman and the American Rose Company are cutting some very fine carnations—in fact, some of the finest they ever grew. The latter firm are also cutting some very fine roses of their new rose Ivory, a sport of Golden Gate. From all appearances it has come to stay.

N. Studer is now propagating immense quantities of his two new ferns which he intends to exhibit at the Paris Exposition, for which he is making great preparations. The firms of D. Z. Blackstone and F. W. Bolgiano have been kept quite busy in the past week with some very fine reception orders.

Theodore Dietrich, who makes a specialty of growing violets, has a new house 150 by 25, planted with Lady Hume Campbell and Faulkner, which would do a person good to see. This is the most successful season he has ever had. His entire crop for several years has been bought by J. H. Small & Son at a fine figure.

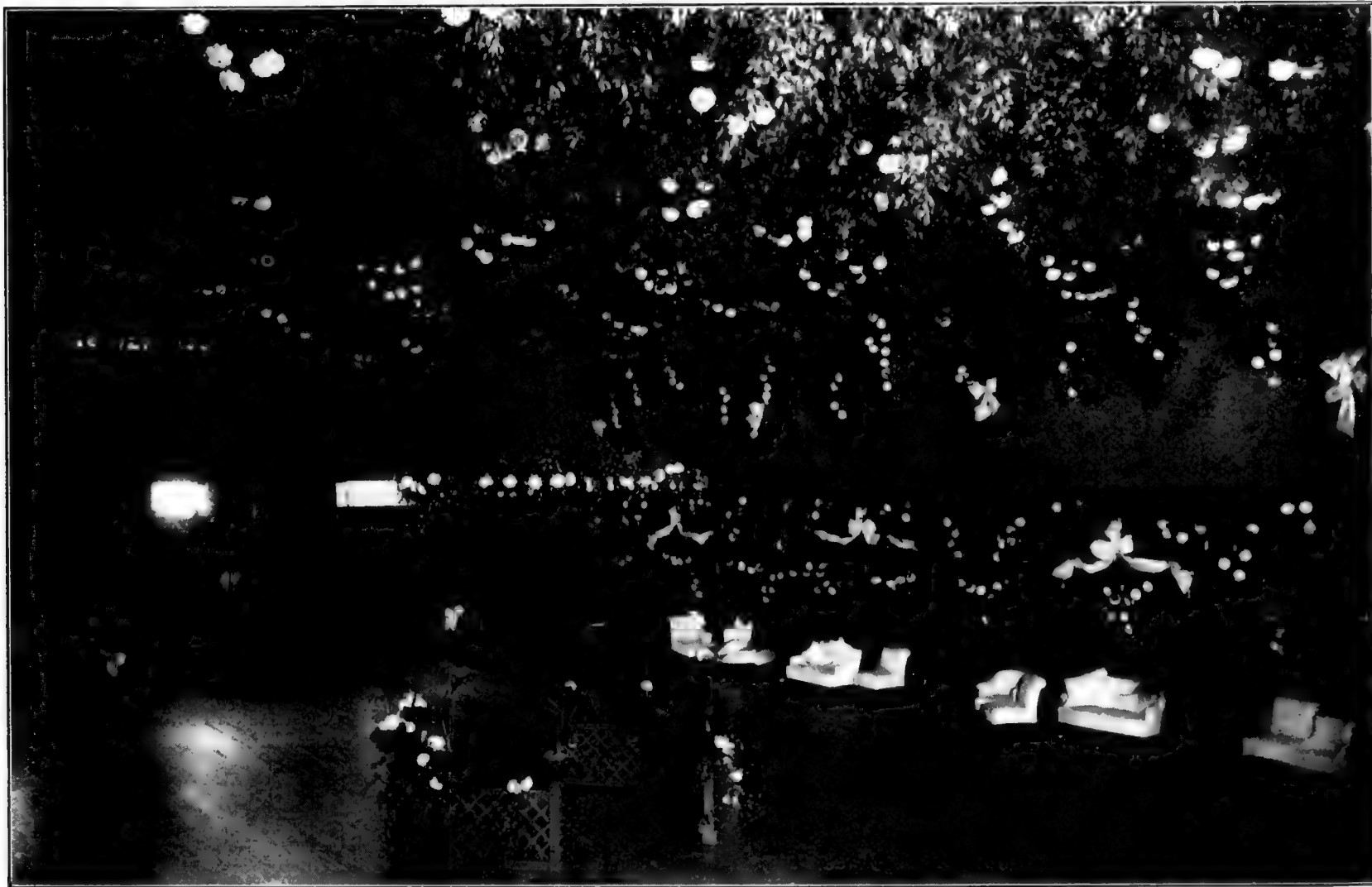
The firm of Shine & Davidson has made its appearance in Center Market with a very handsome stand.

At the cabinet dinner given by the Secretary of the Treasury to the President, the decorations were the rose Ivory, the American Rose Company's white sport of Golden Gate, and their new winter blooming coral red begonia. This begonia is one of the most effective flowers for table decoration and is receiving a flattering reception in social circles.

The prices for the past week have been as follows: Kaiserins, Brides, Meteors and Maids, 6 to 8 cents; Perles and Golden Gates, 6 to 10 cents; La France, extra, 10 to 15 cents; carnations, 1 to 1½ cents; valley, 4 to 6 cents; Romans, your own price; narcissus, 1½ to 3 cents; tulips, 3 cents; violets, 50 to 75 cents; mignonette, 2 to 4 cents; adiantum, 1 cent; asparagus, 50 cents and very scarce; smilax, 12½ to 20 cents. Blooming plants: Azaleas, \$1 to \$1.50; primroses, 8 to 15 cents; cyclamens, 15 to 50 cents; cinerarias, 25 to 50 cents; Harrisii plants, 25 to 50 cents.

Visitors: Mr. Hagemann, of New York; Mr. Eschner, of Rice & Co., of Philadelphia; Mr. Evenden, of Evenden Bros., of Williamsport, Pa.

F. H. KRAMER.



Decoration by John Breitmeyer & Sons, Detroit, Mich.

BALTIMORE.

The Florists' Exchange of this city, the one clearing or commission house here facilitating sales of cut flowers by growers to retail dealers, held its annual meeting on the 8th. The report of its operations for the business year showed an aggregate of about \$30,000—a wholesome growth for the year. The house, which was a very modest venture at the start, has made steady and encouraging advances.

Begun without intent to serve as a money-maker, it has proved an efficient agency for distribution of the products of the flower growers of this vicinity, and includes among its regular patrons about forty producers and practically all the retailers of this city, besides others at distant points. It is a noteworthy fact that in this city of over half a million population, and where nearly four hundred firms or individuals do a retail business, there is no other wholesale florist or commission house.

The success of this institution is largely due to its manager, Mr. Alexander Scott, who combines correct business principles, suavity of manner and an inflexible integrity which is known and recognized by all men. He is a brother of your well known contributor, William Scott, and the physical resemblance between them is marked.

Apropos of the distinguished Bufalonian, it may be in place to record that the ire evoked in Baltimore a year or less ago by his critical, not to say caustic, comments in the Review on trade conditions in this city, all disappeared as the dew before the rising sun when his genial and charming personality was projected into our circle at the annual dinner during the chrysanthemum show, and that he left the Monumental City not only forgiven for past sins, but beloved for his very faults—if he has any.

In the trade about this center the White Maman Cochet rose has made a mark for itself and is being largely grown—so largely, indeed, that it has in a great measure superseded the Kaiserin grown under glass for summer use. Like its pink type, it seems to revel in hot weather, has a fine form, abundant substance, and stands up much better in making up than roses grown in the house.

A curious incident is related of the discovery of this sport from the pink Cochet by Mr. John Cook, of this city, which is deserving of being put on record. Visiting one of his houses where he had on a bench about four hundred Maman Cochets in 4-inch pots, Mr. Cook saw from the head of the path that amongst them was a white flower. His mental suggestion was that a Kaiserin had gotten into the batch by some mistake; but short-

ly afterwards he saw that it was a sport. From the shoot which gave the white flower he secured four cuttings, and of these the upper two gave white flowers and the lower two pink ones.

Of Mr. Cook it may be said that, whilst he cannot be classed any longer among the young men, he is yet alert, active and enterprising, and no member of the trade keeps more fully up to the requirements of the day, or has any more thorough respect for his fellow men of all professions. His work of producing new varieties of roses goes on unremittingly, and, indeed, is followed more almost by habit, or for recreation, than as a matter of business; but doubtless he finds ample commercial rewards when he produces such sorts as his seedling roses Souvenir de Wootton, Mrs. Robert Garrett and Baltimore. He is now giving attention to carnations, and for many years has been hybridizing fruits of several families.

Mr. Cook worked first in this city for the late Robert Halliday, whose grandsons are still in the front rank of florists of this city, and later was gardener for J. Howard McHenry, one of the amateurs of an era when the highest skill was demanded in his service and who appreciated the products of the gardener's genius and toil. Entering business for himself, Mr. Cook has gained steadily in every way—in reputation, in material prosperity

and in the esteem of the community. He is one of the few men in this vicinity who keeps thoroughly in touch with gardening in Europe, receiving all the horticultural periodicals of the Continent and keeping standing orders with the rosarians of Germany and France for all the new sorts that are sent out. His glass houses exceed in extent, we believe, any commercial place near Baltimore.

Messrs. William and Charles E. Feast, members of the well known florists' firm here, have withdrawn from membership in the Gardeners' Club of this city, much to the regret of the members thereof.

An unusual attendance of members was in evidence at the meeting of the Gardeners' Club January 22. Some superb carnations were on the exhibition table, including Halliday Bros.' Matthew Richmond, the sport from Tidal Wave, with deep color, fine stems and peerless form; a rich shining pink seedling, a cross of Scott and Day-break, and another, a white, of Silver Spray blood, from Erdman Bros., and an assortment of Charles M. Wagner's white, pink and red, all good.

It was determined by the club to hold a carnation show on February 26 from 2 to 10 p. m. Prizes and certificates will be offered and producers of the newer sorts will be given an opportunity to display them.

The discussion of topics propounded through the question box was more than usually interesting. The figure at which it is profitable to grow carnations was referred for a detailed answer to Messrs. Peter C. Erdman and Isaac H. Moss, who will report at the next meeting. The relative advantages of steam and hot water heating for a plant of 17,000 square feet of glass was luminously discussed by Messrs. Moss, Richard Vincent and Wm. Paul Binder, and a number of other points pertaining to greenhouse construction received ventilation from members of experience. The meetings of the club on the second and fourth Mondays of each month are growing in attraction, interest and profit.

The Park Board of this city has received bids from growers for supplying 200,000 bedding plants for the public squares, but so far the award has not been publicly announced. RIX.

ALONG THE HUDSON.

Sing Sing, to most people, is but a place to be abhorred—a penal colony, as it were; certainly a state prison is located there, but 'tis down in a hole along the river, and despised, along with its location and surroundings. The town, which is located up on a high hill, is a very thriving and popular one; it contains much of historic interest, and, withal, some of the most beautiful bits of scenery to be found in any hilly country.

There are several commercial florists and nurserymen located here, who generally can sell all they can grow at retail. Geo. Classman is one of the old time florists. His place is alongside the

cemetery, which, by the way, is one of the most picturesque in the country, and George does quite a business in the way of landscape work, in addition to his cut flower trade. Close by is C. F. Pilat's place, where roses, carnations, and a general stock is grown. Mr. Pilat has opened a store in Spring street (this is the only florists' store in town), and does quite a good retail business. J. Bradshaw has the most extensive range of glass here. He grows roses, mostly for the New York market, and had a reputation for good stock many years ago.

There's but one small greenhouse, (and it's alongside the death chamber) down at the prison; out of the 1,400 prisoners there, I was told not one was a professional gardener, but no plants were ever more loved or tenderly cared for than the plants and flowers in that wee house—ah, what flowers have inspired fonder thoughts? Some day there will be a flower show held within these gloomy walls, and never will one be remembered more.

Scarborough is just a mile or two below. There is neither village nor town here; 'tis a pretty place, dotted with fine homesteads, and poor ones, too, but Scarborough is famous floriculturally, and P. M. and F. R. Pierson are responsible. Here, of course, as many of you know, there is one of the finest ranges of rose houses in the country, and I am told it will soon be enlarged. Something like 25,000 American Beauties are growing luxuriantly with all that study can give them. Mr. Paul Pierson, who manages this place, has been supplying the New York market with much of its finest stock of Beauties this winter, and they have been so satisfactory he says he will grow nothing else. We saw the best house of Asparagus Sprengeri here we've seen so far.

And up on the hill, surrounded by a fine collection of nursery stock, there is another range of plant houses, chiefly devoted to the extensive catalogue trade of the F. R. Pierson Co. John Whyte presides over these houses and his carnation house is a picture. Several new chrysanthemums, including Col. D. Appleton, are being propagated by the Whyte system of machinery, and spring trade is turning in like a flood.

Tarrytown needs no introduction, for it's the home of the Standard Oil kings, yes, and bright minds in horticulture. Try in your travels to visit Mr. Rockefeller's gardens. Wm. Turner will show you something. No man in these parts will dispute his title to expert on indoor fruits and vegetables. Mr. Rockefeller loves both, and then there are roses, carnations and general plant houses, all in the best condition.

John Egan & Sons have been located in this town many years. They have seven greenhouses in which are grown a general collection of plants and flowers suitable for retailing; two houses are devoted to carnations, and of the six varieties grown, Mr. Egan says Albertini has paid him best. John is

popular hereabouts, and does quite a business in nursery stock.

Francis Gibson—to be sure, he of the flowing whiskers and generous heart—is the leading light in the local horticultural society, a walking encyclopedia of Tarrytown.

The F. R. Pierson Co.'s extensive plant is at present filled with a fine stock of young palms, ferns, and general decorative material, all in prime condition. It's a pleasure to meet Mr. Pierson, Sr., whom we consider one of the best judges of cannas in the country; he has originated some of the best varieties we know.

There are very few in this section of the country who don't know Bob Angus, and none regret it. His violets are always fine, and Robert is always in the first class with many things at the shows. He was for several years treasurer of the New York Gardeners' Society.

A year ago Cooke & McCord opened the only florist's store in town, and have since acquired greenhouses and nurseries on the White Plains Road. They report a fine Christmas trade and are more than pleased with the past year's business; they see bright prospects for the future. They do a general seed, bulb, plant and cut flower trade.

Wm. Scott, superintendent for Mrs. E. T. Eastman, makes a specialty of chrysanthemums, and generally manages to come out on top at the local shows; he also grows about the largest bunches of grapes we see around New York.

Wm. Stevenson, gardener for Mr. Chas. Graef, is very popular with rich and poor here; he is the kind of man to send on a prize money hunt for shows, for he has a way of facing rich people and interesting them in horticulture. His beautiful gardens are well worth a visit.

There are too many pretty places and clever men to mention this time, and we must pass on to Irvington. This is where the great horticultural builders, Lord & Burnham Co., have their factories and foundries—a huge bee-hive of business, piles of timbers in sash and bars and iron work always on the move to every part of the country.

A little way off, and you'll find Andrew Taaffe in the gardens of F. O. Mathiessen. It's hard to beat Andrew on roses and carnations, and he does not need coaxing to exhibit them; more of his kind is badly wanted.

Let us finish with a visit to Miss Helen M. Gould's grand place, where the genial Ferdinand Mangold is superintendent. It's a treat to be here, 'neath gigantic palms and rare plants, the likes of which you may see nowhere else, and then, too, everything is legibly labeled. In some of the paths 'neath the great palm arched dome, you can readily imagine yourself far out in the tropics.

We shall leave further description until another time. Mr. Mangold has raised several beautiful crotons, nepenthes, and other varieties of plants

which are to be seen nowhere else but here. This is the kind of stock we would like to show in New York next August, and it is safe to say Mr. Mangold will exhibit if a real good show is arranged for. D.

ST. LOUIS.

Market Conditions.

Trade is quiet, particularly so the city trade. Shipping trade is quite brisk and if there was an active demand there would not be nearly enough flowers to go around, as most of our growers are off crop and the cloudy weather the past week has been most discouraging.

Roses in particular are short. Brides and Bridesmaids are selling at \$5 and \$6 per 100, some very select stock going as high as \$8; Meteors the same; Perles and Woottons, \$4 and \$5; Beauties are poor in quality and scarce; price away up. Carnations also suffered from the cloudy weather and became scarce, up in price and active in demand. From \$1.50 to \$4 was asked for fair stock; some fancies brought \$5. Bulb stock became scarce and best Romans sold at \$3; paper whites, same for the best; second choice from \$1.50 to \$2; valley sold well at \$4; freesias not in yet; callas, \$10; Harrisii, \$12.50; violets are plentiful and sell from 40 to 60 cents per 100 for the best Californias; smilax is plentiful and very little demand for it.

Floral Euchre.

The floral euchre will be given on Friday night, February 23, at Concordia hall, 1441 Chouteau avenue. The committee, consisting of Fred Weber, John Kunz and J. J. Beneke, have made all arrangements. The tickets and show cards are out and can be obtained from any of the trustees, who are C. C. Sanders, Dr. A. S. Halstedt and H. G. Ude; also from any of the arrangement committee and at Kuehn's and Berning's. Every florist in town should try to sell all the tickets possible and donations of plants, etc., should be sent to the hall on the day of the euchre.

Notes.

Our old friend, John Zeck, with J. A. Budlong, Chicago, was a visitor this week; also Mr. Canaga, of Shelbyville, Ill. Mr. Canaga, who has sold his interest in the North Side Greenhouses at Shelbyville, will remain in St. Louis and is thinking some of going into business.

Dick Frow, out on the Natural Bridge road, reports that he is well again, but had a narrow escape. Dick says: "Renew my subscription for the Review; it is the best."

At the opera at Music Hall the past week quite a lot of flowers made up in all shapes were used, some being very large and well made. Mrs. Ayers, on Grand avenue, had a large bouquet at each performance. Each day different flowers were used with good taste.

The bowling club rolled four games. Five members were at the alleys and made some fair scores. Next Monday night every member is expected to be present. As something must be done to have a better attendance, perhaps a few prizes hung up to be rolled for will bring them out. The scores of last Monday night were as follows:

	1	2	3	4	To.	Av.
C. A. Kuehn	197	163	124	148	632	158
J. W. Kunz	127	155	146	160	588	147
J. J. Beneke	142	148	114	158	562	140½
F. C. Weber	153	132	148	123	556	139
Emil Schray ..	104	120	149	174	547	137

J. J. B.

BOSTON.

The situation here and in Natal is much the same. Last week was one of general inactivity, with a "reconnaissance in force" now and then one side or the other to gain an advantage in new positions. Saturday the salesmen charged fearlessly upon the enemy and carried the first line of "kopjes," which they held until this morning, hoping for another advance. They were, however, just able to hold this position against a rather feeble attack today. No large artillery coming into action on either side; goods decreasing in quality and not many large bills offered for breakage.

Superior grades of roses of all kinds are selling at from 3 to 8 cents, and better ones up to perhaps 25 cents for a very few, with best lines of Beauties bringing \$6 or \$7 per dozen. Carnations are ranging from \$1.50 to \$2.50 per 100 for good ones and up to \$5 for a few fancies.

Bulb goods have acted peculiarly this winter. Roman hyacinths, valley and paper white have been very plentiful indeed; double jonquils very scarce and tulips just waking up. Customers seem to be more scarce than anything else and the predicted great wave of prosperity has not yet begun to ruffle.

Weather still favors the coal bin. Only one little cool wave yet, and not a heavy one at that. Simply balmy today, with official forecast for warmer in immediate future.

B. T.

SAN FRANCISCO.

Since the holidays business has been dull, as might be expected, with a downward tendency in values all along the line. A few of our florists are kept busy with decorations and funeral orders, which helps to keep life in the trade in some parts of the city. The rains have let up for the present and the days are bright and warm, bringing forth green fields and native flowers that put us in mind of the fast approach of spring in California. The mean temperature so far this winter has been 45 to 50 degrees, which is not so mean after all, when compared with that of our eastern cities.

All kinds of cut flowers are still improving right along in quality. A few daffodils are to be seen in market this week, and sell very well. Also sprays of Acacia mollissima, which sells very readily at this time of the year. Vio-

lets are coming in thick and fast, double violets being somewhat scarce.

Wholesale prices are as follows: American Beauties, \$2.50 to \$3.00 for best grade; Brides, \$1.00; Bridesmaids, 50c, \$1.00, \$1.50; Perles, 50c to \$1.00; Meteors, 25c to \$1.50; Cecil Brunners, 12 1-2c per dozen; violets, Princess of Wales, 50c and 75c; California, 50c; double violets, 75c to \$1.00; outside chrysanthemums, whites, 50c to \$1.00; yellows, \$1.00; lily of the valley, 40c to 75c per dozen; freesias, \$1.00 per 100; paper whites, 50c to 75c per hundred. Carnations are plentiful; Ethel Crocker, 50c; Hobarts, \$1.00; Bradts, 35c; Gold Nugget, 35c; Flora Hill, 25c to 35c; Portia, 15c to 25c; Scotts, 15c to 20c.

Charles Stappenbeck reports his holiday business 60 per cent better than last year. Charley's store is most attractive at all times, he always having on hand the best stock to be had in market. He is really the "old reliable."

Mr. William J. Dingee's fine mansion at Fernwood, lately destroyed by fire, will be rebuilt at once. The greenhouses, although near the burning building, escaped damage, and just now are aglow with a fine display of orchids in variety, and well worth a visit. Head Gardener Robert Armstrong reports Mr. Dingee's intention of building a handsome residence in Sonoma county, Cal., on land containing 3,000 acres. The land is nicely situated and has a natural waterfall of great beauty, which will be a great help to Mr. Armstrong in his endeavor to improve the beauties of the landscape on the place. Mr. Armstrong will find plenty to do in superintending both places, so more strength to your arm, Bob.

Peter Nicholson, at San Lorenza, intends to erect two more greenhouses soon, in size 25x125, and will be planted with American Beauties.

Stevenson, on Powell street, is having his store remodeled, and when completed it will look 100 per cent better than before. Mr. Stevenson has added another new branch to his florist's business, in the way of breeding and raising Japanese pug dogs. He received from Japan last week two dogs costing \$500, both being very fine specimens of the breed and direct from the palace. These little dogs are greatly admired and petted by Mr. Stevenson's lady customers, but one of the little pugs, Coco by name, rebels against the attention of the ladies and will not allow himself to be handled. I wish I were Coco.

Madame Prentice, Washington St., Oakland, did the decoration at the dinner given by Mrs. W. E. Sharon, in honor of Madame Emma Nevada. The color in flowers used was yellow and white, and it was very pretty and tastefully got up by Madame Prentice, whose ability as a decorator is well known.

The nurserymen are kept right busy at present filling out orders in trees, shrubs, roses, etc., the weather just now being right for that kind of planting.

The first Lillium Harrisli have made their appearance in the market and wholesale at \$4.00 per dozen.

Lacazette & Peterson will open a new store at 416 14th street, Oakland, this week, and will try their luck. Mr. Lacazette is one of our growers and Mr. Peterson has been leading man for Pouyal, Polk street, S. F. Hope they will make a success of it.

F. W. Nunnemacher has purchased the nurseries owned by C. Wiedersehm, at Piedmont. Some improvements will be made soon, such as one carnation house, 25x135. Mr. N. is forging ahead rapidly and it is to be hoped he will keep it up.

Mr. E. Gill has built himself a handsome residence at his nurseries, West Berkeley. The house contains 14 rooms and cost \$6,000. J. N.

WHITE SPOTS ON CARNATION, LEAVES.

What causes white spots to appear on carnation foliage? They grow and look healthy, but in some places on the benches they become spotted.

S. T. S.

If some of the affected leaves or branches had been sent for examination, one could form an opinion; but as it is, one can only guess.

It may be a fungus; it may be only a simple drying up of the leaves in spots, caused by injudicious, irregular treatment. I am inclined to believe it is the latter. The plants may probably be grown too soft. A sudden burst of sunshine after cloudy weather will cause them to wilt, and dry spots may be left in the leaves, and, besides, some places on the bench may be dryer than the rest, and this will certainly help to aggravate the injurious effects.

Again, if it is of no parasitical nature, as caused by fungus or bacteria, it is, as I would call it in field culture, caused by climatic extremes, but under glass it is simple mistreatment.

FRED. DORNER.

CARNATIONS REGISTERED.

"The Crawford," in color variegated red and white, a sport from McGowan, has been growing four years and keeps getting better every year; a fine, clean grower, blooming all the season through.

"The Copley," a rich cerise and a sport from the Crawford; grown two years and has proven a splendid grower, being more robust than the Crawford.

Registered by Tom Greaves, Montello, Mass.

ALBERT M. HERR, Sec'y,
Lancaster, Pa.

ST. JOSEPH, MICH.—August Loeffler, whose greenhouses were burned recently, has settled with the insurance companies for \$2,600. It was discovered that much of his property was not covered by the policies and his loss is estimated at \$1,500 to \$1,800 more than the insurance.

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Wandering Jew, 3 var., 60c per 100. Alternanthera, red and yellow, 50c, 60c and 75c per 100, as to quality. Coleus, 12 var., \$1.00 per 100. Artillery Plants, from flats, 75c per 100. Geraniums, 25 var. out of 3½-in. pots, large plants from summer stock at \$5.00 per 100. Begonias, 12 var., 75c per dozen, \$5.00 per 100, out of 3½ to 5-inch pots.

W. L. THOMAS & SON, AUGUSTA, KY.
Box 82.

Mention The Review when you write.

NEW ALBANY, IND.—Mrs. Charles W. DePauw will this spring erect several greenhouses on her property on the Charlestown road, and will engage in rose growing.

Headquarters for DAHLIAS...

250 varieties, Show, Fancy, Cactus and Pompons. We received last Fall, in 1899, Berkeley Lyceum, from American Institute Fair, five first, four second prizes on Dahlias. We have a fine lot of Field-grown Clumps in surplus. Send for prices. Cannas, good old standard varieties, such as Mme. Crozy, Alphonse Bouvier, P. Marquant, F. R. Pierson, Charles Henderson, Queen Charlotte, Italia, Austria, \$12.50 per 1000, \$2.00 per 100. Three new ones — L. Island, free blooming, yellow, fine; Dwarf Yellow Thomas Griffin; J. B. Dutcher, better than Charles Henderson and Bouvier, \$25.00 per 1000, \$3.00 per 100. Good strong division of dormant roots. Two best foliage Cannas, Grand Rouge and Robusta, \$10.00 per 1000, \$1.50 per 100.

Cash with order. Address all orders to

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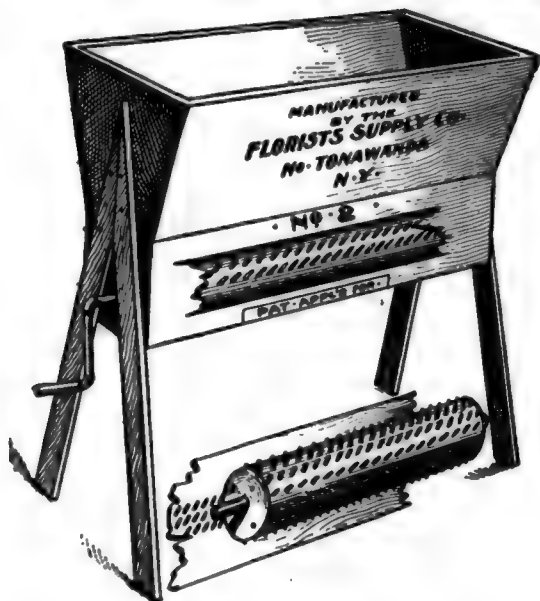
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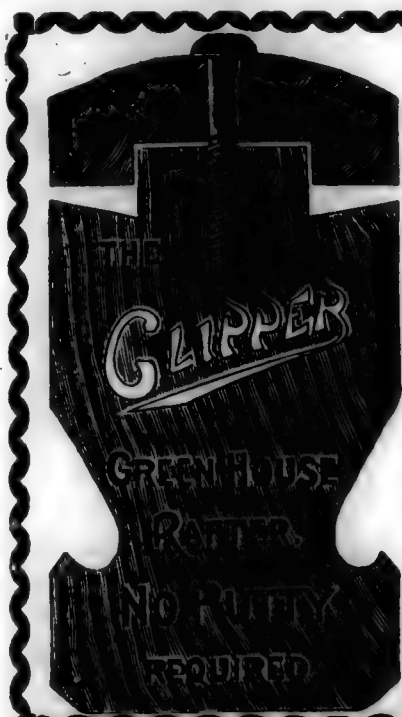
Patent applied for.

No. 1, \$5.00; No. 2, \$10.00; No. 3, \$15.00

THE FLORISTS' SUPPLY CO.,

North Tonawanda, N. Y.

Mention The Review when you write.



Butted Glass.

This is no longer an experiment, it has come to stay. There are various ways of making Butted Roofs, but the best way is with the

Clipper Bar.

With this bar you can make a roof that is absolutely free from drip, and glass cannot be torn out by the wind. Butted glass makes a tight roof, a warm house and saves fuel. It lasts longer, looks better and costs less than the old-fashioned roof. But do not think that this is the only bar we sell, for it is not; we furnish what people want and there is nothing in greenhouse material that you cannot get from us, and all of open-air-dried Cypress clear of bright sap, stained sap, knots and all other defects.

Lockland Lumber Co.

Write for Circulars
or Estimates.

Lockland, Ohio.

Mention The Review when you write.

Burpee's Seeds Grow

PANSIES...WORTH RAISING

Good Plants by express, \$2.50 per 500;
\$4.00 per 1000. Seed as usual.

C. SOLTAU & CO., 199 Grant Avenue,
JERSEY CITY, N. J.

Mention The Review when you write.

Cabbage Plants, Jersey Wakefield and
other varieties, from
cold frame transplant-
ed, 25c per 100; \$1.50 per 1000; \$12.50 per 10,000,
if by mail, add 20c per 100.

LETTUCE, Boston Market, Tennis Ball, Curled
Simpson, Grand Rapids and other varieties.
15c per 100; \$1.00 per 1000; \$8.50 per 10,000, if
by mail, add 10c per 100.

Other Vegetable plants in season. Cash with order.
E. VINCENT, Jr. & SON, White Marsh, Md.

Mention The Review when you write.

Always Mention the....

Florists' Review

When Writing Advertisers.

300,000 VERBENAS....

80 finest named varieties, including our
new mammoth white, Mrs. McKinley,
the finest white Verbena grown.

PERFECTLY HEALTHY. FREE FROM RUST.

Rooted Cuttings 80c per 100, \$5.00 per 1000.

Plants \$2.50 per 100, \$20.00 per 1000.

Our list is the choice from millions of seedlings.
Send for list. **J. L. DILLON,** Bloomsburg, Pa.

Mention The Review when you write.

EDWARD B. JACKSON, Wholesale Florist.

HARDY HERBACEOUS PLANTS ONLY.

In any quantity for the least money.

STAMFORD, CONN.

Mention The Review when you write.

EVERY FLORIST
OUGHT TO INSURE
HIS GLASS AGAINST **HAIL**

FOR PARTICULARS ADDRESS

JOHN G. ESLER, Sec'y, SADDLE RIVER, N. J.

E. H. HUNT

THE "OLD RELIABLE" FOR

**Wholesale
Cut Flowers**

Hunt's Flowers Go Everywhere.

76 Wabash Ave. CHICAGO.

Mention The Review when you write.

TORONTO JUNCTION, ONT.

The Toronto Junction Horticultural Society has been organized, with officers as follows:

Honorary president, Mr. A. Gilchrist; president, Mr. F. C. Colbeck, B.A.; first vice-president, Mayor Laughton; second vice-president, Mrs. Gilchrist; secretary, Mr. W. H. Post; treasurer, Mr. R. C. Jennings. Directors, Dr. Clendenan, Mrs. Howell, Mr. M. A. Chrysler, B.A., Mr. W. L. Joy, Mr. R. C. Jennings, Mr. E. R. Rogers, Mrs. R. L. McCormack, Mrs. A. H. Perfect, and Miss Post. Auditors, Mr. W. J. Conron and Mr. W. W. Howell.

Mr. Gilchrist, after expressing his thanks for the society's mark of appreciation in electing him honorary president, referred to the very useful work the society could do in a young town like the Junction. He had thought of taking steps towards organizing it several years ago, but had been deterred by the then shiftless character of the population. Now that there was a more permanent population, he thought a great work could be done by such an organization, and he mentioned some of the ways in which it could make its usefulness felt, such as protesting against the destruction of beautiful trees or the burning of underbrush. The good roads movement was something that should have the co-operation of the society. An effort should be made to interest the children in the beauties of nature and he advocated giving prizes to encourage them in horticultural pursuits.

A resolution was adopted in favor of affiliating with the Ontario Fruit Growers' Association.

Regular meetings of the society will be held on the fourth Tuesday of each month and if the consent of the council be obtained the meetings will be held in the council chamber.

ELWOOD, IND.—The greenhouses of A. J. Woerner were destroyed by fire the morning of Dec. 30. Loss, \$1,500, with no insurance.

KEWANEE, ILL.—Charles Schafer, of Chicago, has purchased 3½ acres of land here upon which he will erect a range of greenhouses.

Choice Cut Flowers

Everything Seasonable.

The Finest Obtainable.

Prices Right.

Prompt Service.

Market Rates.

ALL STOCK NOW SCARCE.**E. C. AMLING,****32, 34, 36 Randolph Street, - CHICAGO, ILL.****W. S. HEFFRON, Mgr.**

Price List Issued Weekly. Write for it.

We are Sole Chicago Agents for E. G. Hill & Co.'s Fine Flowers.

Mention The Review when you write.

Bassett & Washburn**76 Wabash Ave., CHICAGO, ILL.**Wholesale Growers of **CUT FLOWERS**

Greenhouses at Hinsdale, Ill.

Mention The Review when you write.

PETER REINBERG,Wholesale **CUT FLOWERS.**

500,000 feet of Glass.

Headquarters for fine **AMERICAN BEAUTIES.****51 Wabash Avenue, CHICAGO.**

Mention The Review when you write.

A. L. RANDALLTelephone
1495**Wholesale Florist****4 Washington St., Chicago.**and enlarged quarters we are better
ever to handle your orders.

Mention The Review when you write.

WHOLESALE GROWER OF ROSES. DEALER IN CUT FLOWERS.**J. A. BUDLONG,****37-39 Randolph St., CHICAGO, ILL.**

Mention The Review when you write.

**Maplewood Cut Flower and
Plant Co. GEO. M. KELLOGG, Pres.**Growers of **CUT FLOWERS** at Wholesale.Regular shipping orders given special attention. We
have the largest plant west of Chicago.**Store: 906 Grand Ave., KANSAS CITY, MO**
Greenhouses; Pleasant Hill, Mo.

Mention The Review when you write.

WIETOR BROS.Wholesale Growers of **Cut Flowers.**All telegraph and telephone orders
given prompt attention.**51 Wabash Avenue, CHICAGO.**

Mention The Review when you write.

**C. A. KUEHN WHOLESALE
FLORIST**

Cut Flowers and Florists' Supplies.

Manufacturer of the Patent Wire Clamp Floral
Designs. A full line of supplies always on
hand. Write for catalogue and prices**1122 PINE STREET, ST. LOUIS, MO.**

Mention The Review when you write.

**H. Berning
G. Wholesale Florist,****WHOLESALE
FLORIST,****1322 Pine Street,
ST. LOUIS, MO.**

Mention The Review when you write.

**ELLISON & TESSON,
WHOLESALE SHIPPING****FLORISTS****3134 Olive Street, ST. LOUIS, MO.**

...Home Grown Stock...

Mention The Review when you write.

**Cincinnati
Cut Flower Co.****W. A. MANN.
FRANK W. BALL.****416 Walnut St. Wholesale Florists
CINCINNATI, O.**Consignments Solicited.
Special Attention Given to Shipping Orders
Mention The Review when you write.

ROSES... ALL SIZES AND ALL KINDS.

WRITE FOR PRICES.

Boston Ferns and N. Cordata Compacta, 2½ in. pots
Honeysuckles, Hibiscus Cooperi, Moon Vine, White
and Blue; Rubra Begonia, Strobilanthes Dyerianus,
2½ in. pots, at \$3.00 per 100.

GERANIUMS—S. A. Nutt, White Swan, Heteranthe,
Mrs. E. G. Hill, 2½ in. pots, at \$3.00 per 100.

SCENTED GERANIUMS—Lemon, Nutmeg, Balm,
Rose, 2½ in. pots, at \$3.00 per 100.

Asparagus Plumosus, 6 in. pots, at \$15.00 per 100.

Rubra Begonia, 3 in. pots at \$1.00 per 100.

Hardy Pinks, 6 varieties, 3 in. pots, at \$1.00 per 100.
Cash with Order.

THE NATIONAL PLANT CO., Dayton, O.

Mention The Review when you write.

1st Prize PERLES.

Place your orders now for Perle Rose Cuttings
and Plants. Remember, they are from The Perle
King of St. Louis and from prize-winning stock only.
Rooted Cuttings.... per 100, \$1.75; per 1000, \$15.00
Two-inch pot plants. " 8.00; " 25.00
Cash or satisfactory reference.

J. F. AMMANN, - EDWARDSVILLE, ILL.

Mention The Review when you write.

ROSES. To clean out, for room.

\$3.00 per 100; \$25.00 per 1000.

Bride, Bridemaid, C. Souper, Etoile de Lyon,
Kaiserin Augusta Victoria, La France, Climbing
Meteor, Papa Gontier.

Cash with order, please.

JOSEPH LAHR & SONS, Springfield, Ohio.

WE ARE SHIFTING **Roses**
from 2 to 2½-inch pots
our first lot of.....
which will be ready to ship out about Feb. 15th.
Have ready now Rooted Cuttings and 2-in. stock.
Send 50c or \$1.00 for samples and prices of what
you want. Satisfaction guaranteed.

GEO. A. KUHL, PEKIN, ILL.

Mention The Review when you write.

Choice Plants for Autumn Sales.

JOHN H. LEY,

Good Hope, Washington, D. C.

Asparagus P. Nanus, 5-in. pots doz., \$3.00
Ferns, 30 new and choice sorts, 4-in. pots, 100, 10.00
" 10 choice sorts, 2-in. pots..... " 4.00
Nephrolepis Washingtoniensis, the finest
new Fern this year, 4-in. pots..... doz., 3.00
Adiantum Hybridum, new, elegant, 8-in., each 1.00
Cuneatum, extra large, 4-in. pots, 100, 10.00
Crotons, 12 finest sorts, colors fine, 4-in., doz., 1.00
Peperomia Arifolia and Argyreia, 3-in., " .50
Selaginella Africana, fine blue and others,
2-in. pots..... doz.. .50
Ferns, from flats, nice little plants for small
pots, 10 sorts, 100 free by mail..... 1.25
Careful packing. Cash with order. Plants gratis.

GOLD FISH and AQUARIUM SUPPLIES.

Send for
Price List.

KEENAN'S
SEED
STORE.
6112 and 6114
Wentworth Avenue,
CHICAGO

Mention The Review when you write.

Always Mention the....

Florists' Review

When Writing Advertisers.

CHICAGO CARNATION CO., The Great and Only Carnation Specialists

CUTTINGS NOW READY.

Genevieve Lord, the peer of any light pink	Per doz.	Per 100	Per 1000	Blooms per 100
Carnation ever offered.....	\$2.00	\$10.00	\$75.00	\$5.00
Chicago, scarlet Bradt.....	1.50	7.50	60.00	5.00
Mrs. Lawson, cerise pink.....	2.00	11.00	120.00	
Olympia, variegated.....	2.00	12.00	100.00	
Ethel Crocker, pink.....	1.50	10.00	75.00	

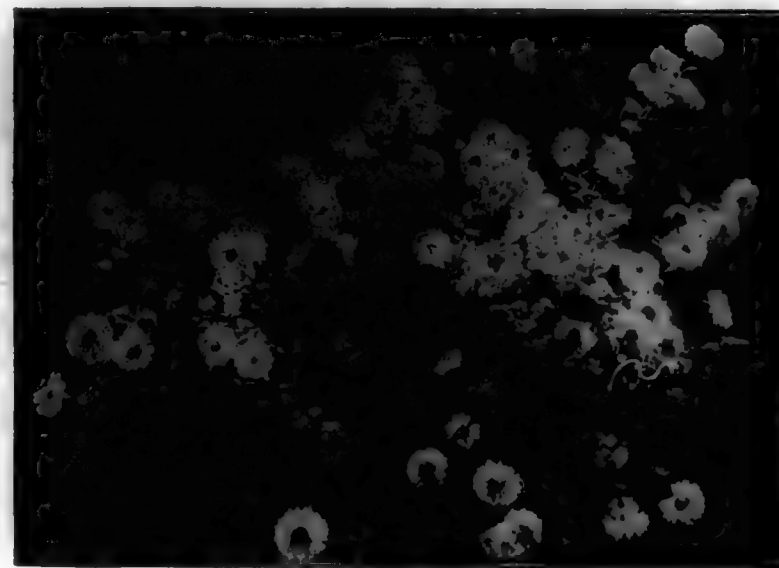
	Per 100	Per 1000	Blooms per 100
Frances Joost, pink.....	\$2.50	\$20.00	\$3.00
Mrs. Jas. Dean, pink.....	2.50	20.00	5.00
John Young, white.....	2.50	20.00	4.00
White Cloud, white.....	4.00	30.00	5.00
Mrs. Bradt, variegated.....	5.00	40.00	\$4 to \$5
Gen. Maceo, crimson.....	6.00	50.00	5.00
Gen. Gomez, crimson.....	6.00	50.00	5.00
G. H. Crane, scarlet.....	6.00	50.00	5.00
Gold Nugget, yellow.....	2.50	20.00	5.00

	Per 100	Per 1000	Blooms per 100
Argyle, carmine.....	\$2.50	\$20.00	\$4.00
Jubilee, scarlet.....	2.00	15.00	4.00
Armazinda, variegated.....	2.00	15.00	2.00
Evelina, white.....	2.00	15.00	2.00
New York, deep pink.....	2.00	15.00	2.00
Wm. Scott, pink.....	2.00	15.00	2.00
Victor, pink.....	2.00	15.00	2.00
Daybreak, light pink.....	2.00	15.00	2.00
Flora Hill, white.....	2.00	15.00	4.00

CHICAGO CARNATION CO., Greenhouses and Address, JOLIET, ILL.

Mention The Review when you write.

Chrysanthemum "Little Chris"



Bloomed with us continuously
from March until January.

Plant dwarf, flowers small,
white.

Valuable as a pot plant, for
funeral work or cut sprays.

Sold well at Easter and Deco-
ration Day.

Cut back plants, with young
growth from bottom, from
4 and 5-inch pots, 25c and
35c each; four and three
for \$1.00. Plants from 2-
inch pots later.

W. T. BELL & SONS

FRANKLIN, PA.

Mention The Review when you write.

BENTHEY & CO.

F. F. BENTHEY, Mgr.

WHOLESALE AND COMMISSION Florists. Consignments Solicited.

41 Randolph St. CHICAGO.

Mention The Review when you write.

ROOTED CUTTINGS.....

Verbenas, 40 var., 60c per 100, \$5.00 per 1000.
Petunias, 30 var., \$1.25 per 100. Heliotrope, 15 var.,
\$1.00 per 100. Coleus, 30 var., 70c per 100, \$6.00 per
1000. Ageratum, 3 kinds, include Princess Pauline,
70c per 100; Alyssum Dble., \$1.00 per 100; Lantan-
nas, 4 kinds, \$1.25 per 100. Salvias, 3 kinds, \$1.00
per 100. Geraniums, mixed, from 2-inch pots,
strong plants, \$2.50 per 100.

Express prepaid and satisfaction guaranteed.
Cash with orders. Do not send checks.

Our Cuttings are good. Write

S. D. BRANT, Clay Center, Kan.

Mention The Review when you write.

XXX SEEDS

VERBENA GRANDIFLORA. The finest
strain of Improved Giant Verbenas yet produced,
largest flowers and best colors, good percentage
of white, per pkt., 800 seeds, mixed colors, 50 cts.

CYCLAMEN GIGANTEUM. The choicest
Giant-flowering varieties in best mixture, pkt., 200
seeds, \$1.00; half pkt., 50 cents.

CHINESE PRIMROSE. Best large single
and double fringed, 500 seeds, \$1.00

PHLOX DRUM. PUMILA. New, very
dwarf, perfect beauties, excellent for growing in
pots for Spring sales, mixed colors, trade pkt. 20c.
A pkt. of New Double Early-flowering Dwarf
Vienna Carnation added to every order.

JOHN F. RUPP, Shiremanstown, Pa.

The Home of Primroses.

Mention The Review when you write.

GALAX LEAVES.

Chas. H. Ricksecker, Linville, N. C.

Mention The Review when you write.

Wholesale Commission Florists

And Dealers in All Kinds of

FLORISTS' SUPPLIES

42 and 44 E. Randolph

Address all mail or telegrams direct to the firm to insure promptness.

CARNATION CUTTINGS

Some of the Leaders for 1900.

	Per 100	Per 1000
CERISE QUEEN—Pink.....	\$2.50	\$20.00
G. H. CRANE—Bright scarlet, early and continuous bloomer. A most satisfactory variety.....	6.00	50.00
MRS. GEO. M. BRADT — White striped scarlet—nothing to equal it.....	5.00	40.00
WHITE CLOUD—A white variety of true merit.....	4.00	30.00
MACEO—Deep crimson, very free.....	6.00	50.00
GOMEZ—Crimson; lighter in color than Maceo.....	5.00	40.00
GLACIER — Pure white, medium height, early and free.....	6.00	50.00
AMERICA—scarlet, an excellent variety ..	5.00	40.00
GOLD NUGGET—Yellow, best in its class	4.00	30.00

IF A BUYER, consult us. We as the old standards can fix you out. Remember we always give Chicago market price at the time of shipment. We represent more glass than any firms in the west; therefore we always have stock.

CERISE QUEEN, Pink, \$2.50 per 100, \$20.00 per 1000.

TO SHIPPERS the outlet for Flowers is through a house that has been established for years, and has trade built up on a sound basis; so if you have anything to sell send it to us and we will sell it, not give it away.

KENNICOTT BROS. CO. never make a claim but what they can prove. We claim to be the oldest, most reliable and largest dealers in Cut Flowers in Chicago, and as above stated, we can prove it.

WE ARE about to show you that our Carnations are complete as in anything else, "be sure you are"

CERISE QUEEN,

DON'T FORGET stock has been ordered. You can safely order from us, and we will have it, and take care of you.

CARNATION CUTTINGS GENERAL

- CERISE QUEEN—Pink.....
- MARY WOOD—White.....
- MELBA—Pink.....
- NEW YORK—Pink.....
- MRS. JAMES DEAN—Pink.....
- MRS. FRANCES JOOST —
- JOHN YOUNG—White.....
- JUBILEE—Scarlet.....
- FLORA HILL—White.....

WHAT HAVE YOU in Spring? If not, why not, for this firm was started on Spring and has been successful in handling of same in the U. S.

...OUR...
"Wire Work"

like our Flowers, always a little better and always a little cheaper than elsewhere. Special Discount

"SALE"

now on. WRITE FOR SPECIAL QUOTATIONS.

What We Have Always Claimed—Give the COUNTRY MARKET PRICE AT THE TIME OF ORDER
IF WE CAN'T FILL YOUR ORDER IT IS NO

T BROS. CO.

Street, CHICAGO, ILL.

Wholesale Commission Florists

And Dealers in All Kinds of

FLORISTS' SUPPLIES

Address all mail or telegrams direct to the firm to insure promptness.

out to go into the handling of
Cuttings and we can assure
our arrangements are as com-
ing we do; under the old say-
are right, then go ahead."

, Pink, \$2.50 per 100,
\$20.00 per 1000.

been and still is scarce. But you
and if in this part of the country we
of your order in A1 shape.

ION CUTTINGS AL LIST.

	Per 100	Per 1000
.....	\$2.50	\$20.00
.....	3.00	25.00
.....	5.00	40.00
.....	3.00	25.00
k.....	3.00	25.00
— Pink	3.00	25.00
.....	2.50	20.00
.....	2.00	15.00
.....	2.00	15.00

ng Flowers, or have you thought
it will soon be time. Remember
pring Flowers, therefore the largest

RY BUYER the CHICAGO MAR-
THE TIME OF SHIPMENT.
OT TO BE HAD.

ALWAYS REMEMBER we always mean
what we say, and we advertise nothing
but true facts. If a buyer comes to us,
if a grower ships to us, you will find it just
as we say.

now on. WRITE FOR SPECIAL QUOTATIONS.

...OUR...
“Wire Work”
like our Flowers, always a little better and always
a little cheaper than elsewhere. Special Discount
“SALE”

IF IN CHICAGO, take a look at how we
handle stock. We need say no more,
that in itself will tell you where to buy
stock if a buyer; it will also tell where to ship
if a grower.

CERISE QUEEN, Pink, \$2.50 per 100,
\$20.00 per 1000.

INFORMATION to growers, ship-
pers, buyers given on any point in
the trade on request. Remember
Mr. Kennicott is always ready to favor all
alike. Remember our address, 42 and 44
East Randolph Street, Chicago.

CERISE QUEEN, Pink, \$2.50 per 100,
\$20.00 per 1000.

WE, LIKE our help, have grown up
in the trade, therefore we know
how to handle, pack and ship
Flowers. Orders filled with promptness.
Special care is taken of the shipping
trade. P. and D. at cost.

CARNATION CUTTINGS

GENERAL LIST.

	Per 100	Per 1000
CERISE QUEEN—Pink	\$2.50	\$20.00
MAYOR PINGREE—Yellow	2.50	20.00
TRIUMPH—Pink	2.50	20.00
DAYBREAK—Pink	2.00	15.00
EVELINA—White	2.00	15.00
WM. SCOTT—Pink	2.00	15.00
ALBERTINI—Pink	2.50	20.00
METEOR—Crimson	2.00	15.00
ARGYLE—Pink	2.00	15.00

SAMUEL S. PENNOCK.**Wholesale****→ Florist**{ Until further notice, will be open from
6:00 a. m., to 11.00 p. m. }**American Beauties and Valley****Our
Specialties.****1612-14-16-18 Ludlow St., Philadelphia, Pa.**

Mention The Review when you write.

NEW ORLEANS.

We are having great weather in the Crescent City. At the time of writing, January 10, a tropical storm has paid us a visit; tomorrow Jack Frost may swoop down, so uncertain is the weather.

The severe frost of February last did not hurt the camellias so badly as was thought. Though the plants were cut back to some extent, they are laden with buds, and will shortly present a beautiful sight. Many of the large palms were completely killed, smaller ones not so bad. A large number were imported from California to fill the gaps, but many failed to accommodate themselves to their new home.

U. J. Virgin has grown a fine lot of Phoenix canariensis from seedlings, which will not fail to take hold. He has also made a hit in growing roses, cutting 8,000 Brides and Maids during the month of December. It is but a short time since a rose under glass was unknown in this city.

M. Cook plants out what L. Harrisil he has left over and by so doing obtains plants free from disease. They bloom in the beds of the house where planted. Carnations are doing very well and will doubtless do better when propagated from own stock.

The successor to Mr. Fonta as superintendent of Audubon park is Mr. Edward Baker, one of the earliest nurserymen of this city and who is quite at home here. Some changes and much improvement has been made both in the hall and park grounds. One of the most brilliant effects I have yet seen was a combination of Bougainvillea Sanderiana, Jasminum nudiflorum, Plumbago capensis, Poinsettia pulcherrima and Bignonia venusta, all in full bloom, surrounded by stately palms and bushy ferns.

George Thomas, gardener to Mrs. Whitney, has received from Mr. Fonta a new ever-bearing grape from France, from which a famed brand of wine is made.

M.

KEWANEE, ILL.—Claude M. Hamilton has purchased a third interest in the firm of Hamilton & Plummer. The firm name remains unchanged.

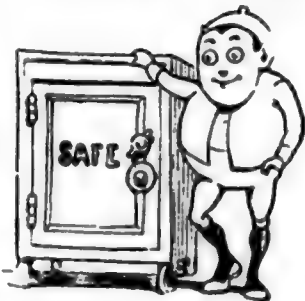
E. H. HUNT, Chicago, has just issued his new catalogue for 1900 and it is very attractively gotten up. A great variety of stock in the way of trade supplies is offered and it is very conveniently arranged for reference. The list of florists' seeds is especially full and complete. It will be sent to any one in the trade on request.

PITTSBURG CUT FLOWER CO., Ltd.
WHOLESALE FLORISTS.Long Distance
Phone 2157.**CONSIGNMENTS SOLICITED.****No. 304 Liberty St.,****FLORISTS' SUPPLIES.****Write for Price List.****PITTSBURG, PA.**

Mention The Review when you write.

Asparagus PlumosusCut Strings
8 feet long.
50c per string.**Nanus**Shipped
to any part
of the country.**W. H. ELLIOTT,
BRIGHTON, MASS.**

Mention The Review when you write.

**100,000
PLANTS
Ready.**

	Per 100
Clara Bedman Salvia.....	\$2.00
Geranium De Roo Mitting..... 2 1/4-inch....	7.00
Geranium Double Snow Drop ..	7.00
New Yellow Baby Primrose.....	7.00
22 Coleus, fine, named, new ..	4.00
20 Standard Coleus, named ..	1.50
80 Double Petunias, mixed.....	2.00
Primula Obconica, 3 1/4-inch.....	2.50
Primula Obconica, 2 1/4-inch.....	2.00
Primula, Chinese, 2 1/4-inch ..	1.00
Primula, from flats, strong ..	.50
Velvet Plant.....	2.00
15 Begonias, flowering, named, 2 1/4-inch.....	1.50
Forget-Me-Not, winter flowering, 2 1/4-inch ..	1.50
Iresines, 2 varieties, red and yellow, 2 1/4-inch.	1.50
Cannas, large flowering, mixed.....	1.00
Mesembryanthemum Erectum, 2 1/4-inch.....	1.50
California Moss.....	1.50
Lycopodium Dent.....	1.50
Alternanthera, 4 varieties ..	1.50
Feverfew, Little Gem ..	1.50
Feverfew, yellow foliage ..	1.50
Dusty Miller ..	1.50
Cigar Plant ..	1.50
Vinca, variegated, trailing ..	2.00
Ferns, mixed, our selection, 2 1/2-inch ..	5.00
Lobelia, Crystal Palace Gem, ..	1.50
Five plants at 100 rates.	

**THE MORRIS FLORAL CO.,
MORRIS, ILL.**

Mention The Review when you write.

We Are Headquarters

for all the best novelties of the season in
Chrysanthemums, Carnations and Geraniums.
Catalogue free on application.

NATHAN SMITH & SON, Adrian, Mich.

Mention The Review when you write.

GIVE US
A
TRIAL.
WE CAN
PLEASE
YOU.Roses,
Carnations
and all
kinds of
Seasonable
Flowers
in stock.**WM. F. KASTING, Wholesale Com-****mission Florist.****481 Washington St., BUFFALO, N. Y.****Also Dealer in Florists' Supplies and Wire****Designs.**

Mention The Review when you write.

**JOHN B. FERGUSON,
Wholesale Florist,****444 Sixth Ave., PITTSBURG, PA.**

LONG DISTANCE 'PHONE 2085.

We Command a Good Market.**Consignments Solicited.**

Mention The Review when you write.

Long's "Handy" Order Sheets

The practical leaders to correct order taking in
hurried hours. **Single sample free.**

Pad of 100 sheets, mailed for 24 cents in stamps.

Ten Pads (1000 sheets), by express, \$1.75.

DAN'L B. LONG, Publisher, BUFFALO, N. Y.

Mention The Review when you write.

Cut Flower Exchange,**404 - 412 East 34th St., New York.**

NEAR THE FERRY.

Open Every Morning at 6 o'clock for the sale of
CUT FLOWERS.

Wall space for Advertising purposes to Rent.

J. DONALDSON, SECRETARY.

Mention The Review when you write.

"TIME is money." You can save it
by consulting The Review's classified
ads. when in need of stock.

IF YOU don't find what you want in
our classified ads. let us know about
it. We will find it for you if it is to be
had.

BURPEE'S BLUE LIST for FLORISTS

✿ JUST PUBLISHED ✿

A Complete Catalogue of 140 Pages, with Lowest Wholesale Prices on the Best Flower and Vegetable Seeds.

Any Florist who does not receive a copy within one week should write for it immediately.

W. Atlee Burpee & Co., SEED GROWERS, Philadelphia, Pa.

Mention The Review when you write.

...SPECIAL... Rooted Cuttings.

Choicest Varieties.
Lowest Prices. Finest Stock.

50,000 Carnations, standards, \$7.50 per 1000. Descriptive list, 25 choicest up-to-date varieties.

50,000 Roses, standards, \$12.50 per 1000.

50,000 Verbenas, 20th Century collection. 32 Grand Mammoth varieties, the cream of all the latest and choicest up-to-date, 60c per 100, \$5.00 per 1000. Strong, 2-in., \$2.00 per 100, \$18.00 per 1000; full of Cuttings, elegant stuff.

50,000 Dble. Fringed Petunias, Henderson's and Dreer's latest sorts. We all know that they lead the world. \$1.00 per 100, \$8.00 per 1000. Strong, 2-in., \$2.00 per 100, \$18.00 per 1000.

20,000 Geraniums, embracing our entire superb collection, \$1.50 per 100, \$15.00 per 1000; large, fine Cuttings of uniform size. 5000 2½-inch Paul Bruant, the best scarlet, \$3.00 per 100. New Giant California White Marguerite and New Golden, both sell at sight, \$1.00 per 100. Strong, 2½-inch, \$2.50 per 100.

Ageratum, Princess Pauline, the only one to grow, \$1.00 per 100. Extra strong, 2½-inch, full of Cuttings, \$2.50 per 100.

Salvia Splendens, no other so good, \$1.00 per 100. Extra strong, 2½-inch, \$2.50 per 100.

Fuchsias, best sorts, \$1.50 per 100. Vinca Major, \$1.00 per 100.

Smilax, strong, 2½-inch, \$1.50 per 100, 2 inch, \$1.00 per 100. Seedlings big bushy plants, fit to plant right out, 50c per 100, \$4.00 per 1000, delivered.

500 Cinerarias, 2½-inch, \$2.00 per 100.

Lobelia, (trailing) indispensable for baskets, etc., strong, 2-inch, \$2.00; strong rooted cuttings, \$1.00 per 100.

Our wholesale descriptive list of Specialties mailed on application. Cash must accompany all orders. Small packages by mail.

SOUTH SIDE FLORAL CO., - Springfield, Ill.

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PLANTS AND CUTTINGS....

Begonias, best flowering varieties, 4-in. pots, \$1.00 per doz., \$8.00 per 100. Umbrella Plants, 4-in. pots, \$1.00 per doz., \$8.00 per 100. Ferns, Pteris tremula, 2-in. pots, 50c per dozen, \$4.00 per 100. Vincas, center of foliage yellow, 2½-in. pots, 50c per doz., \$3.00 per 100. Geraniums, best bedding varieties mixed, in fine growing condition, 2-inch pots, \$2.50 per 100. Geraniums, rooted cuttings, \$1.50 per 100. Rooted cuttings of Fuchsias, Heliotrope, Chrysanthemum frutescens, per 100, \$1.00. Rooted cuttings of Alternanthera, red and yellow, Ageratum, blue and white dwarf, Micanthea, Coleus, best bedders, 50c per 100. Carnation Mrs. Fisher, rooted cuttings from soil, \$1.25 per 100.

C. LENGENFELDER, ELGIN, ILL.

Always mention the Florists' Review when writing advertisers.

PRIMROSES for Easter Blooming, 2-in. \$2.00 per 100

ROOTED CUTTINGS

Alyssum Giant.....\$1.00 per 100

GERANIUMS. Per 100

Assorted, common.....\$1.50

Best varieties.....2.00

Mixed, per 1000, \$12.....1.25

Mars, Happy Thought....3.00

Mme. Bruant.....2.50

Silver Leaf, rose scented....1.50

Bronze.....1.50

Mrs. Parker, Dble. Pink Silver Leaf.....4.00

Mme. Salleron.....1.25

Freak of Nature.....3.00

Double New Life.....4.00

MISCELLANEOUS. Per 100

Coleus, fancy & large leav'd. \$1.00

" " separate colors .80

" " mixed colors.. .60

Alternanthera, R. and Y., summer struck, pr 1000, \$0.. 1.00

Alternanthera, R. and Y., per 1000 \$5.00..... .60

Fuchsia, Trailing Queen....1.50

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Vinca.....1.50

Salvia.....1.25

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Impatiens Sultani.....\$2.00

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Fuchsias, Sun Ray, Variegated, red, white and green. 4.00

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German Ivy.....1.25

Let us book your order now for the best late white Mum for florists' use, rooted cuttings.....2.00

POT PLANTS

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Mrs. Parker.....\$6.00

Happy Thought, Silver Leaf, 2½-in.; Mrs. Pollock, 2½-in. 4.00

BEGONIAS. Per 100

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" named.....6.00

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Lemon Verbena, \$3.00, \$4.00, 6.00

Primroses (in bud) 2½-in...3.00

Primula obconica, 2-in.....2.00

" " in flats.. 1.50

MISCELLANEOUS. Per 100

Anthericum, 3-in.....6.00

Dracaena Ind. (in flats)....5.00

Mignonette, 2-in.....2.00

Manettia bicolor, 2½-in....4.00

Fragrant Calla, 2½-in., \$1.50 doz.

Fragrant Calla, 4-in., 3.00

Terms Cash or O. O. D.

GREENE & UNDERHILL, Watertown, N. Y.

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FERN SPORES SOW NOW!!

WE ARE HEADQUARTERS—Extra large package of fresh spores, sufficient for 3000 plants, with full cultural directions, postpaid for \$1.00. Collection of 12 distinct varieties, each separate, \$5.00.

EMERSON C. McFADDEN, - U. S. Exotic Nurseries, - SHORT HILLS, N. J.

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Commercial Violet Culture

By PROF. B. T. GALLOWAY,

Chief, Division of Vegetable Physiology and Pathology, U. S. Department of Agriculture, Washington, D. C.

This work is thoroughly practical and discusses fully: Varieties and their Origin; Localities where the Crop is likely to Prove Profitable; Requirements for Success; Construction of Houses and Frames; Heating Houses and Frames; Soils and their Preparation; Manures and Fertilizers; Propagation, Selection, Planting, Watering, Cleaning and Feeding; Picking, Bunching and Marketing; Diseases and their Treatment; Insect Enemies and Methods of Combating them; Cost of Producing the Crop, Profits, etc.

Superbly illustrated with upward of 60 plates, plans, diagrams, etc., including Working Drawings of Model Violet Houses; Plans for Complete Heating Systems; Photographs Showing Methods of Handling Soil, Preparing the Beds, Bunching the Flowers, Packing for Shipment, etc. Numerous illustrations showing the character of the more important diseases are also given. PRICE POSTPAID, \$1.50.

Bound in Flexible Covers of Royal Purple Cloth and Gold; 224 Pages; Small Octavo. Prospectus free.

BEST METHODS OF HEATING GREENHOUSES. A collection of thirteen leading essays, selected from a large number submitted in competition. Each essay is accompanied by diagrams illustrating the system advocated. Price 10 cts. Send for new catalogue of books for Florists, Nurserymen and Seedsmen.

Address THE FLORISTS' EXCHANGE, 2 to 8 Duane St. New York.

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OCEANIC, N. J.

At the semi-monthly meeting of the Monmouth County Horticultural Society, Prof. Byron D. Halsted delivered his lecture on "Parasitic Fungi Under Glass and Rusts." Although it was storming, ninety-four were in attendance. The professor stated that carnation rust was an old pest in Europe and doubtless came to us on imported stock about 1889, and within the last ten years had spread throughout the country. He showed by illustrations how rust can be quickly distinguished by the plump gray blisters produced upon the leaves and stems, and how it spreads after the epidermis is broken and the brown, rusty spores escape in great numbers; how the fungus sends its slender threads in all directions through the leaf or stem of the plant.

The fungous diseases of violets and their remedies were very well ventilated. Mildew on roses was discussed and shown by illustrations as a surface feeder that does not send its filaments deeply into and between the cells of the leaves. Rust on chrysanthemums was also shown by illustrations and I am sure that everyone present will know this pest hereafter as soon as he sees it.

A very lively discussion followed, which was taken part in by Dr. W. Whitmore, Rev. Dr. Kneip, Prof. Walling, Messrs. Frank McMahon, A. Stewart, Philadelphia, H. A. Kettel, N. Butterbach and others.

One new member was elected.

After the meeting refreshments were served, which was followed by wholesale smoking to destroy the germs of the diseases previously mentioned.

It was a meeting that will be remembered for a long time by everyone present.

N. BUTTERBACH,
Secretary.

PAEONIES AND VALLEY IN THE SOUTH.

On page 170 of your issue of January 11, I notice a request for information as to how far south paeonias and lily of the valley are successfully grown. Here in Anniston, 1,000 feet above the sea level, we have nice lily of the valley outside in the full sun in March.

As to paeonias, I imported years ago a fine collection of tree paeonias from France. They never bloomed. The herbaceous kinds do better. The common kinds do best.

F. J. ULBRICHT,
Anniston, Ala. Florist.

PEORIA, ILL.

J. C. Murray is preparing plans for two rose houses, each 20x100, to be erected the coming summer.

Cole Bros. are preparing to build a large asparagus house.

There has not been the usual number of parties this winter, but there has been considerable funeral work.

Roses are scarce just now and prices are up on all flowers. Violets are good and plentiful. Louis Miller supplies Cole Bros. with good stock. J. R.

Carnations

LARGE STOCK OF STRONG ROOTED CUTTINGS NOW READY.

G. H. Crane, Morning Glory, Maceo, Glacier, Gomez, America, Red Mrs. Bradt (or Chicago), Mary Wood and other good standard sorts.

Mrs. Geo. M. Bradt for March delivery — all the early stock sold.

FIVE 1900 NOVELTIES.

Mrs. Thos. Lawson, Ethel Crocker, The Marquis, Olympia and Genevieve Lord. At introductory prices.

We make a Specialty of Rooted Cuttings, and have three houses of stock growing for that purpose only.

SEND FOR DESCRIPTIVE PRICE LIST.

F. DORNER & SONS CO., LaFayette, Ind.

Mention The Review when you write.

NEW CARNATIONS.

We are now ready to receive orders for strong rooted CUTTINGS.....

GEN. MACEO..... } \$1 per doz., \$6 per
G. H. CRANE..... } 100, \$50 per 1000.
GLACIER..... }
MORNING GLORY..... }

GEN. GOMEZ..... } 75c per doz., \$5 per
MRS. G. M. BRADT } 100, \$40 per 1000.

WHITE CLOUD..... } 50c per doz., \$4 per
GOLD NUGGET..... } 100, \$30 per 1000.

25 at 100 rate. 250 at 1000 rate.

We have Fine Large Stocks and will deliver only Fine, Strong, Well-Rooted Cuttings.

THE COTTAGE GARDENS, - QUEENS, N. Y.

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PREPARED
TROPICAL
PALMS

— AND —

GYCAS
...LEAVES

Send for Catalogue.

OSTERTAG BROS., Florists,

Washington and Jefferson Aves., ST. LOUIS, MO.

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Always Mention the....

Florists' Review

When Writing Advertisers.

NEW PINK
CHRYSANTHEMUM
MISS FLORENCE E. DENZER

The latest Mum. Blooms for Christmas. See cut in Florists' Review of Dec. 21, 1899.

Rooted Cuttings, \$8.00 per 100; from 2 1/4-in. pots, \$10.00 per 100; and thirty other leading varieties rooted cuttings, \$9.00 per 100; from 2 1/4-inch pots, \$15.00 per 100.

Ready March 20th, 1900.
Cash with order, please.

ANTON C. ZVOLANEK,
WEST ROBOKEN, N. J.

Mention The Review when you write.

"Nicomite" (Patent) VAPOR
Insecticide Powder.

No labor required. Harmless to bloom and foliage. A certain killer of Red Spider, Green Fly, and all other insect pests. Ask your Seedsman for it. THE TOBACCO WAREHOUSING AND TRADING CO., Louisville, Ky
Mention the Review when you write.

NEW LIGHT PINK CARNATION Genevieve Lord

Peerless in its class. The coming light pink. As a commercial variety it will score its greatest triumph. As an exhibition variety it will take care of itself. Its reputation is already made. We recommend it to you as being first-class in every way. It has won highest honors wherever exhibited. In a word it is the light pink par excellence. Better than Scott in its palmiest days. There will be no attempt to over-propagate it. First come, first served. Send for complete description.

\$75.00 per 1000; \$10.00 per 100; \$2.00 per doz.

DELIVERY FEBRUARY 15.

Also Mrs. Thos. W. Lawson,
Ethel Crocker, Olympia and the
Marquis at introducers' prices.

H. WEBER & SONS, Oakland, Md.

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100,000
R. C.
Carnations
Ready TO SHIP

Early orders get the best stock.

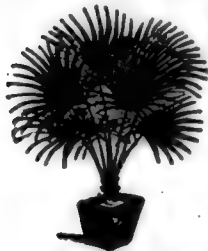
	Per 100
Mrs. Thos. W. Lawson	\$14.00
Ethel Crocker, pink	10.00
Olympia, variegated	12.00
The Marquis, pink	10.00
Genevieve Lord, pink	10.00
G. H. Crane, scarlet	5.00
America, scarlet	4.00
Melba, light pink	3.00
Mrs. G. Bradt, variegated	3.00
Glacier, white, fine	3.00
Maud Adams, dark pink	3.00
Gomez, dark red	4.00
Mrs. F. Joost, pink	2.50
Gold Nugget, yellow	3.00
Argyle, pink, fine	1.50
Triumph, pink	1.50
Daybreak, shell pink	1.00
Empress, dark red	1.00
Flora Hill, white	1.25
White Cloud, white	2.50
Mary Wood, white, fine	3.00
Jubilee, scarlet	1.50
Psyche, variegated	1.00
Morello, scarlet	1.00
Wm. Scott, pink	1.00
Lizzie McGowan	1.00

12 cuttings at 100 rate.

The Morris Floral Co.

MORRIS, ILL.

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Perpetuated Palms.

Lowest Prices to Florists.
They Sell at a Good Profit.

Send your orders to the first and
foremost people in the business.

CLARE & SCHARRATH,
Orlando, Fla.

The right people on the right
spot—where the Palms grow.

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For Spring Planting. The Reliable new EVER-
BEARING PEACH, also
the ELBERTA and other choice varieties. JAPAN
PLUMS, all the most approved sorts. Select as-
sortment small fruits. Prices for above very rea-
sonable. Address

MILFORD NURSERIES, - Milford, Del.

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Elm City

A Grand New
White Carnation
Seedling.....

of Lizzie McGowan
and
Mme. Diaz Albertini,
in its fifth year.....

The flowers are large, finely shaped and of
strong fragrance. Petals are heavy, of good sub-
stance and nicely fringed. Calyx is very strong,
after the style of Mme. Albertini, and none burst-
ing; the stem strong, holding the flower erect.

The plant is a good grower and free bloomer,
not subject to stem rot or any disease.

Rooted Cuttings ready February 1st, at
\$1.50 per dozen, \$10.00 per 100, or
\$70.00 per 1000.

Cash with order. We shall prepay the ex-
press where money accompanies the order.

Orders filled in rotation.

M. E. KRAUS,

320 Davenport Ave.,

NEW HAVEN, CONN.

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Pansies...

Fine Plant, large flowering strain, \$2.50 per 1,000
150 Obconica Grandiflora Primula, 2.00 per 100
100 Forbesi Primula, 2.00 "
Geranium, 16 varieties, 3.00 "

CASH, PLEASE.

JOS. H. CUNNINGHAM, DELAWARE, OHIO.

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E. G. Hill & Co.

Wholesale
Florists,

RICHMOND, INDIANA.

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writing advertisers.

Ethel Crocker. Absolutely the Best Pink Carna-
tion ever offered the trade.

A fact fully borne out by its record, being equally good
with Craig, Hill and myself (an assurance that it is not
a success in one soil and a failure in another.) By its
having been shown at the flower shows and clubs since
early in September (an assurance that it is not a good
late carnation but an all season variety.)

In color, size, fragrance and stem it is just what the
"storemen" want. In habit, constitution and freedom of
bloom it is just what the grower wants. It produces
more flowers to the square foot than any other known
variety, and is never out of crop from September to July.

With 18,000 stock plants to work from there is no dan-
ger of it being overpropagated, and all orders entrusted
to me will be filled with cuttings selected from the plants
and also in filling the order, by myself, thus doubly as-
suring good stock. Honest sample blooms furnished
prepaid at \$1.00 per dozen, amount deducted from all or-
ders for 100 or over. Up to date every sample excepting
one out of several hundred sent has brought an order.

Price per 100, \$10.00; per 25, \$2.50. Per 1000, \$75.00;
per 250, \$18.75. HERR'S PANSIES, good little
plants at 75c per 100; \$4.00 per 1000.

Price list of standard varieties ready now.

ALBERT M. HERR, Lancaster, Pa.

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CARNATIONS Rooted Cuttings

of all the NEW and LEADING

VARIETIES. Send for prices.

GEO. HANCOCK & SON,

GRAND HAVEN, Mich.

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FIELD GROWN CARNATIONS

BEST NEW AND STANDARD VARIETIES.
Write for catalogue and prices.

W. P. PEACOCK, ATCO, N. J.

NEW CROP WINTER BLOOMING CARNATION SEEDS.....

Hand Fertilized. 25 cents per 100.

CASH WITH ORDER.

AMERICAN ROSE COMPANY,
WASHINGTON, D. C.

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Miss Budde—I presume you find
life a bed of roses?"

Mr. Milyuns—"Well, I should hope
not."

Miss Budde—"Why?"

Mr. Milyuns—"Because the beds of
roses are usually mud."—Chicago
Daily News.

CLASSIFIED PLANT ADVERTISEMENTS.

Rate for advertisements under this head, 10 cents a line net, per insertion. New advs. and changes must reach us by Wednesday morning at latest to secure proper classification in issue of Thursday.

ACALYPHA.

Acalypha Sanderi, fine 2½-in. plants, \$3.00 per 100.
The Conard & Jones Co., West Grove, Pa.

AGERATUM.

Ageratum Princess Pauline, the only one to grow. Extra strong, 2½-in., \$2.50 per 100.
South Side Floral Co., Springfield, Ill.

Blue, true dwarf; rooted cuttings by mail, 45c per 100; \$4.00 per 1000.
Jones Ave. Greenhouses, Burlington, N. J.

Ageratum, rooted cuttings, blue and white, \$1.00, Princess Pauline \$1.25 per 100.
Greene & Underhill, Watertown, N. Y.

Copes Pet, blue, Lady Isabel, white, 60c per 100; \$5.00 per 1000.
C. Humfeld, Clay Center, Kan.

Large flowered, dwarf, blue, 2½-in. pots, \$1.75 per 100. Princess Pauline, 2½-in., \$2.00 per 100. Rooted cuttings, 75c per 100.
E. C. Harrison, Stamford, Conn.

Rooted cuttings, 60 cts per 100; \$5.00 per 1000.
C. L. Brunson & Co., Paducah, Ky.

ALTERNANTHERA.

40,000, 4 varieties, red, yellow, pink and large pink leaved, strong, full of cuttings; were potted last August, 2½-in., \$2.00 per 100.
Morris Floral Co., Morris, Ill.

Alternanthera, red and yellow, 50, 60 and 75c per 100, according to quality.
W. L. Thomas & Son, Augusta, Ky.

Alternanthera, rooted cuttings, summer struck, \$1.00 per 100; \$9.00 per 1000.
Greene & Underhill, Watertown, N. Y.

Red and yellow, rooted cuttings, 50c per 100.
C. Lengenfelder, Elgin, Ill.

ALYSSUM.

Rooted cuttings, Giant alyssum, \$1.00 per 100; \$3.00 per 1000.
C. L. Brunson & Co., Paducah, Ky.

ANTHERICUM.

Anthericum, 3-in., \$6.00 per 100.
Greene & Underhill, Watertown, N. Y.

ASPARAGUS.

Fresh seed, A. Sprenger, 75 cts per 100; \$6.00 per 1000. Plumosus nanus, \$1.25 per 100; \$10.00 per 1000. H. H. Berger & Co., 47 Barclay St., New York.

Asparagus Sprenger from 3-in. pots, 5c each; 4-in., 10c each; 4½-in., 15c.
G. R. Oliver, 3 Pleasant St., Bradford, Pa.

350 Asparagus Sprenger, 4-in. pots, \$6.00 per 100. Cash with order.
Floracraft Gardens, Moorestown, N. J.

6-ft. strings, 35c each; 8 to 12-ft. strings, 45c each. Cash.
H. M. Altick, Dayton, O.

Asparagus Plumosus, 6-in. pots, \$15.00 per 100.
The National Plant Co., Dayton, O.

Asparagus Sprenger, fresh seed, 60c per 100.
Jno. G. Heini & Son, Terre Haute, Ind.

BEGONIAS.

Single Rose, scarlet, white, yellow and orange, 40c per doz.; \$2.50 per 100; \$20.00 per 1000. Singles in choicest mixture, 25c per doz.; \$2.00 per 100; \$18.00 per 1000. Double Rose, scarlet, white and yellow, 65c per doz.; \$5.00 per 100; \$40.00 per 1000. Doubles in choicest mixture, 50c per doz.; \$4.00 per 100; \$35.00 per 1000.
H. A. Dreer, 714 Chestnut St., Philadelphia.

Rex Begonias, 8000 fine plants out of cutting bench, 2c; 500 2 and 2½-in. strong plants, fine, 5c; 500 2½-in., strong plants, leaves damaged, 2c. John C. Engelhorn, Gallon, O., successor to Fisher & Son. Cash with order, please.

Begonia tuberosa, single colors, separate. Per 100, English strain, \$3.50; Belgian, \$2.50. Double colors, separate, English strain, \$5.00; Belgian, \$4.00.
Bobbink & Atkins, Rutherford, N. J.

Begonia Rex, assorted, 2½-in., \$4.00; named, \$6.00. Rooted cuttings, Erfordii, Rex, Incarnate gigantea, \$2.00 per 100.
Greene & Underhill, Watertown, N. Y.

Tuberous rooted Begonias. Single, separate varieties, \$25.00 per 1000; double, separate varieties, \$40.00 per 1000.
F. W. O. Schmitz, Jersey City, N. J.

Rubra begonia, 2½-in. pots, \$3.00 per 100; 3-in. pots, \$4.00 per 100. The National Plant Co., Dayton, O.

12 varieties, out of 3½ to 5-in. pots, 75c per doz.; \$5.00 per 100.
W. L. Thomas & Son, Augusta, Ky.

Best flowering varieties, 4-in., \$1.00 per doz.; \$8.00 per 100. C. Lengenfelder, Elgin, Ill.

15 varieties, flowering, named, 2½-in., \$1.50 per 100.
Morris Floral Co., Morris, Ill.

BOUGAINVILLEAS.

Bougainvillea Sanderiana, strong, from 3-inch pots, 24-30 inches, \$8.00 per 100.
P. J. Berckmans Company, Augusta, Ga.

BULBS.

Ready for delivery now: Tuberous Begonias, extra fine, sound, plump bulbs, 5 colors, separate, pure white rose, scarlet and crimson, orange, yellow. Single, 1-1½ in., doz., 40c; 100, \$2.50; 1000, \$20.00; 1½-2 in., doz., 50c; 100, \$3.00; 1000, \$25.00. Double, 1-1½ in., doz., 70c; 100, \$5.00; 1000, \$45.00; 1½-2 in., doz., 80c; 100, \$6.00; 1000, \$55.00. Gloxinia Crassifolia Erecta. Brilliant colors, best strains, 1-1½ in., doz., 50c; 100, \$3. 1½-2 in., doz., 50 cts; 100, \$4.00. Gladioli. For early forcing, Florists' superb mixture, containing many white and light, doz., 20 cts; 100, \$1.25; 1000, \$10.00. Gladiolus May, one of the best sellers, white rosy, with flakes, doz., 40 cts; 100, \$2.50; 1000, \$20.00. For other sorts see New List issued. Due end December. Excelsior Pearl Tuberosa. Fine white, clean stock, 3-4 in., 100, 50 cts; 1000, \$3.50; 4-6 in., 100, \$1.00; 1000, \$7.00.
H. H. Berger & Co., 47 Barclay St., N. Y.

Gladiolus, The Bride, \$5.00 to \$7.00 per 1000. All colors, mixed, No. 1, \$9.00 per 1000; all colors, mixed, No. 2, \$7.50 per 1000; light and white, \$14.00 per 1000. Tuberoses, The Pearl, 4x6, \$6.50 per 1000. All varieties of lilies on hand. F. W. O. Schmitz, Jersey City, N. J.

Dble Pearl Tuberosa bulbs, good, sound, reliable bloomers. No. 1, 4-in. and up, \$1.00 per 100; \$6.00 per 1000. No. 2, 3 to 4-in., 50c per 100; \$3.00 per 1000. The latter all good blooming bulbs. Chas. Black, Hightstown, N. J.

We have still on hand some of our Lily of the Valley pipe, the finest that comes to this country at \$10.00 per 1000; case of 3000 at \$9.00 per 1000. J. M. Thorburn & Co., 36 Cortlandt St., New York.

R. Van Der Schoot & Son, Wholesale Bulb Growers, Hillegom, Holland. Our bulb stocks, now covering an area of over 150 acres, are at present the largest of Holland. Est. 1830.

California grown bulbs. Send for our special trade list.
California Nursery Co., Niles, California.

Callas. First size, 4-5-in. circum., \$4.00; second size, 3-4., \$2.00 per 100.
Jackson & Perkins Co., Newark, N. Y.

We are headquarters for Tuberosa Bulbs. Write for prices.
T. W. Wood & Sons, Richmond, Va.

Armstrong's ever-blooming tuberosa. Now ready, \$4.00 per 100.
Luther Armstrong, Kirkwood, Mo.

Spotted leaf Calla bulbs. 50c per doz.; \$2.00 per 100.
S. J. Galloway, Eaton, Ohio.

Bulbs and Plants for Fall and Spring delivery. C. H. Joosten, Importer, 85 Dey St., N. Y.

CALADIUMS.

Fancy leaved Caladiums, 30 choice varieties, \$2.00 per doz.; \$15.00 per 100.
H. A. Dreer, 714 Chestnut St., Philadelphia.

Caladiums, fancy named sorts, large, dry bulbs now ready, \$10.00 per 100.
P. J. Berckmans Company, Augusta, Ga.

CANNAS.

The good old standard varieties and three new ones. See display adv. in this issue.
Rowehl & Granz, Hicksville, N. Y.

10 varieties, all mixed, single eyes, \$1.00 per 100.
Morris Floral Co., Morris, Ill.

CARNATIONS.

Rooted cuttings. Ethel Crocker, \$2.50 per 25; \$10.00 per 100; \$18.75 per 250; \$75.00 per 1000. The Marquis and Genevieve Lord, \$10.00 per 100; \$75.00 per 1000. Olympia, \$12.00 per 100; \$100.00 per 1000. Mrs. Thos. Lawson, \$14.00 per 100; \$120.00 per 1000. America, \$5.00 per 100; \$40.00 per 1000. G. H. Crane, \$6.00 per 100; \$50.00 per 1000. Jubilee, \$2.00 per 100; \$15.00 per 1000. White Cloud, \$3.50 per 100; \$30.00 per 1000. Flora Hill, \$1.50 per 100; \$10.00 per 1000. John Young, \$2.00 per 100; \$15.00 per 1000. McGowan, \$10.00 per 1000. Argyle, \$2.00 per 100; \$15.00 per 1000. Mrs. Joost, \$2.50 per 100; \$20.00 per 1000. New York, \$2.00 per 100; \$20.00 per 1000. Daybreak, \$1.50 per 100; \$10.00 per 1000. Victor, \$1.50 per 100; \$12.50 per 1000. Wm. Scott, \$10.00 per 1000. Mrs. Bradt, \$5.00 per 100; \$40.00 per 1000. Armazindy, \$1.50 per 100; \$10.00 per 1000.
H. F. Littlefield, Worcester, Mass.

Carnation cuttings. Mrs. Lawson, \$14.00 per 100; \$120.00 per 1000. G. H. Crane, \$5.00 per 100; America, \$5.00 per 100; \$40.00 per 1000. Melba, Leslie Paul and Gov. Griggs, \$4.00 per 100; \$30.00 per 1000. Mrs. Bradt, \$4.00 per 100; \$35.00 per 1000. Frances Joost, Evanston, Jubilee, Victor, \$2.00 per 100; \$15.00 per 1000. White Cloud, \$2.50 per 100; \$20.00 per 1000.

Flora Hill, Gold Nugget and Triumph, \$2.00 per 100; \$15.00 per 1000. Daybreak, Argyle and Armazindy, \$1.25 per 100; \$10.00 per 1000. McGowan, Evelina, Pingree, Scott, Nivea and Morello, \$1.00 per 100; \$7.50 per 1000.

All cuttings sold with express understanding that if not satisfactory they are to be returned at once and money will be refunded.
Peter Reinberg, 51 Wabash Ave., Chicago.

New carnations. We are now ready to receive orders for strong rooted cuttings. Gen. Maceo, G. H. Crane, Glacier, Morning Glory, \$1.00 per doz.; \$6.00 per 100; \$50.00 per 1000. Gomez, Bradt, 75c per doz.; \$5.00 per 100; \$40.00 per 1000. White Cloud, Gold Nugget, 50c per doz.; \$4.00 per 100; \$30.00 per 1000. Mrs. James Dean, \$3.00 per 100; \$25.00 per 1000. Mrs. Thos. W. Lawson, \$3.00 per doz.; \$14.00 per 100; \$120.00 per 1000. Olympia, \$2.00 per doz.; \$12.00 per 100; \$100.00 per 1000. Marquis, Genevieve Lord, Ethel Crocker, \$2.00 per doz.; \$10.00 per 100; \$75.00 per 1000. 25 at 100 rate, 250 at 1000 rate. We have fine large stocks and will deliver only strong, well rooted cuttings.
The Cottage Gardens, Queens, N. Y.

Rooted cuttings. White Cloud, Mary Wood, Triumph, Frances Joost, Cerise Queen, Painted Lady, Gold Nugget, Empress, \$2.50 per 100; \$20.00 per 1000.

Flora Hill, Scott, Daybreak, \$1.50 per 100; \$10.00 per 1000. Psyche, Armazindy, \$1.50 per 100; \$12.00 per 1000.

G. H. Crane, Leslie Paul, \$5.00 per 100; \$45.00 per 1000. America, Mrs. Bradt, \$5.00 per 100; \$40.00 per 1000. Red Bradt, \$10.00 per 100; \$75.00 per 1000. Jubilee, \$2.00 per 100; \$15.00 per 1000.

Mrs. Thos. W. Lawson, Olympia, The Marquis and Ethel Crocker, at introducers' prices. Bassett & Washburn, 76-78 Wabash Ave., Chicago.

Large stock of strong rooted cuttings now ready. G. H. Crane, Morning Glory, Maceo, Glacier, Gomez, America, Red Mrs. Bradt (or Chicago), Mary Wood and other good standard sorts. Mrs. Geo. M. Bradt for March delivery, all the early stock sold.

Five 1900 novelties, Mrs. Thos. W. Lawson, Ethel, Crocker, Olympia and Genevieve Lord at introductory prices. Send for descriptive price list.

F. Dörner & Sons Co., Lafayette, Ind.

Carnation cuttings, per 100: America, \$4.50; Melba, Mrs. Bradt, \$4.00; Mary Wood, White Cloud, Triumph, Victor, \$2.50; Gold Nugget, Jubilee, \$2.00; Daybreak, Flora Hill, \$1.25; McGowan, Tidal Wave, \$1.00. 5 per cent discount for cash. The new red carnation Catbird. As free a bloomer as Tidal Wave. Free from any disease. Good, strong stock from 2-inch pots. \$3.50 per 100, \$30.00 per 1000.
Lake Geneva Floral Co., Lake Geneva, Wis.

PLEASE MENTION THE REVIEW WHEN WRITING ANY OF THESE ADVERTISERS.

CLASSIFIED PLANT ADVERTISEMENTS—CONTINUED.

Carnation cuttings. G. H. Crane, \$5.00 per 100; Mrs. Bradt, \$4.00 per 100; White Cloud, Mrs. Joost, Triumph and Evanston, \$2.50 per 100; \$20.00 per 1000. Gold Nugget, Mrs. McBurney and Jubilee, \$2.00 per 100; \$15.00 per 1000. Flora Hill, Daybreak, Argyle and Armazindy, \$1.25 per 100; \$10.00 per 1000. McGowan, Evelina, Mayor Pingree, Painted Lady, Wm. Scott, Tidal Wave and Morello, \$1.00 per 100; \$7.50 per 1000. All rooted cuttings sold under the condition that if not satisfactory they are to be returned at once and money will be refunded. George Reinberg, 51 Wabash Ave., Chicago.

Carnation Cuttings. Ready to ship now, guaranteed well rooted or money refunded. "Old Chestnut," but we say express man must allow purchaser to examine cuttings before accepting and if not satisfactory take the same back. White Cloud, \$2.50 per 100. Gomez, \$4.00 per 100. Melba, \$4.00 per 100. Flora Hill, \$1.50 per 100. Mrs. Joost and Victor, \$2.50 per 100; \$20.00 per 1000. Mayor Pingree, \$1.00 per 100; \$7.50 per 1000. Daybreak, \$1.25 per 100; \$10.00 per 1000. Scott, \$7.00 per 1000. Cash with order. Carl E. Taube, Mercer Floral Co., Trenton, N. J.

Elm City, a grand new white carnation, seedling of Lizzie McGowan and Albertini, in its fifth year. The flowers are large, finely shaped and very fragrant. Petals are heavy, of good substance, nicely fringed. Calyx, strong, after the style of Albertini, none bursting. Stem strong, holding the flower erect. The plant is a good grower and free bloomer. Rooted cuttings ready Feb. 1 at \$1.50 per doz.; \$10.00 per 100; \$70.00 per 1000. We prepay the express when money accompanies the order. M. E. Kraus, 320 Davenport Ave., New Haven, Conn.

The new light pink carnation, Genevieve Lord is the coming light pink and we recommend it to you as being first class in every way. It has won highest honors where ever shown. Better than Scott in its palmist days. There will be no attempt to over propagate it. First come, first served. \$75.00 per 1000; \$10.00 per 100; \$2.00 per doz. Delivery Feb. 15th. Send for complete description. Also Mrs. Thos. W. Lawson, Crocker, Olympia and the Marquis at introducers' prices.

H. Weber & Sons, Oakland, Md.

Orders booked now in order of receipt for rooted cuttings of the famous Mrs. Thomas W. Lawson, the \$30,000 Queen of Carnations, for spring delivery, commencing Feb. 1, 1900. Prices to the trade only: Per dozen, \$3.00; per 100, \$14.00; per 1000, \$120.00; per 5000, \$500.00; per 10,000, \$800.00. Terms strictly cash or C. O. D. from unknown parties. Address all orders and make all remittances payable to Thos. F. Galvin, 124 Tremont St., Boston, Mass.

New Carnation Kittatinny. A new money making carnation; a white sport from Daybreak. Any one can grow it that can grow Daybreak, as it is identically the same in every respect except color, which is pure white; and with me it is a stronger grower and larger flower, and as a first-class all-round white can't be outclassed. Stock limited, and orders will be filled in strict rotation. Price per 100 rooted cuttings, \$5.00.

Geo. M. Emmans, Newton, N. J.

Well rooted cuttings. Peach Blow, Wm. Scott, L. McGowan, Bridesmaid, \$1.00 per 100; \$7.50 per 1000. Bridesmaid in pots, \$1.25 per 100. Rose Queen, Armazindy and Albertini, \$1.25 per 100; \$10.00 per 1000. Flora Hill, 2-in. pots, \$2.00 per 100. Emily Pierson and Kohinoor, \$1.50 per 100. Triumph, \$2.00 per 100. Any of above 50 cents extra, 2-in. pots. Cash with order. Logan Ave. Greenhouses, Danville, Ill.

Rooted cuttings now ready of the following kinds: Flora Hill, \$1.25 per 100; White Cloud, \$2.50 per 100; John Young, \$2.00 per 100; Triumph, \$2.00 per 100; Daybreak, \$1.25 per 100; Jubilee, \$2.00 per 100; Eldorado, \$2.00 per 100; Evelina, Wm. Scott, Lizzie McGowan, and Nivea, each \$1.00 per 100.

S. Littlefield, North Abington, Mass.

100,000 rooted cuttings, ready to ship. Early orders get the best stock. Mrs. Thos. W. Lawson, \$14.00 per 100; Olympia, \$12.00 per 100; Crocker, Marquis, Lord, \$10.00 per 100; Crane, \$5.00 per 100; America, \$4.00 per 100. 12 cuttings at 100 rate. All the other new and standard sorts, for prices see large adv. Morris Floral Co., Morris, Ill.

Now ready, rooted cuttings. Maceo, Glacier, \$6.00 per 100; Evanston, \$2.50 per 100; Jubilee, Armazindy, Victor, A. Webb, \$2.00 per 100; F. Hill, Daybreak, Dana, Meteor, Morello, Cartledge, \$1.50 per 100; McGowan, Bridesmaid, Eldorado, Pingree, Portia, Jahn's Scarlett, Scott, \$1.00 per 100.

D. R. Herron, Olean, N. Y.

Healthy, strong rooted cuttings, grown cool, first crop from new house. Flora Hill, \$1.25 per 100; \$12.00 per 1000. Freedom, Daybreak and Wm. Scott, \$1.00 per 100; \$9.00 per 1000. Mrs. Fisher, 90 cts per 100; \$7.00 per 1000. Cash from unknown parties.

J. W. Howard, Russel St., Woburn, Mass.

Carnation cuttings. Strong, healthy, well rooted cuttings, from sand or soil, for immediate or future delivery. F. Joost, Genesee, Bon Ton, \$2.00 per 100; \$15.00 per 1000. Freedom, Victor, Express, Daybreak, \$1.25 per 100; \$10.00 per 1000. Cash with order.

C. F. Fairfield, Mgr., Springfield, Mass.

Ethel Crocker. Absolutely the best carnation ever offered the trade. \$10.00 per 100; \$75.00 per 1000. 250 for \$13.75; 25 for \$2.50. Honest sample blooms furnished prepaid at \$1.00 per doz.; amount deducted from all orders for 100 or over.

A. M. Herr, Lancaster, Pa.

Rooted cuttings of carnations. Both new and old varieties at lowest prices for good stock. Special rates on orders booked for future delivery. Satisfaction or money refunded. Geo. A. Rackham, 880 Van Dyke Ave., Detroit, Mich.

Chicago Carnation Co. The great and only carnation specialists. Cuttings now ready. For list see display adv. in this issue. Chicago Carnation Co. Greenhouses and address, Joliet, Ill.

Orders booked now for rooted cuttings of Daybreak, McGowan, Silver Spray, Tidal Wave, Meteor and Scott, \$6.00 per 1000 and up. Express paid. Write for prices.

S. W. Pike, St. Charles, Ill.

Freedom, Mangold, R. C., \$1.50 per 100; same and Daybreak, transpl., \$2.00 per 100. Cash. Write for list of others. W. G. Kraber, 25 Tremont St., New Bedford, Mass.

50,000 standard carnations, rooted cuttings, \$7.50 per 100. Descriptive list of 25 choice, up-to-date varieties. Cash.

South Side Floral Co., Springfield, Ill.

2000 Scott, strong, healthy, well rooted plants at \$5.00 per 1000; \$9.00 per 2000. For immediate delivery. Cash with order.

Chas. Black, Hightstown, N. J.

Mrs. Fisher Carnations, fine summer bloomer, from soil, \$1.00 per 100; 2½-in. pots, \$2.00 per 100. Cash. Wm. Keir, Pikesville, Md.

Flora Hill, \$1.50 per 100; \$14.00 per 1000. L. McGowan and Wm. Scott, \$1.00 per 100; \$9.00 per 1000. C. Humfeld, Clay Center, Kan.

Carnation Seeds. Specialists in pedigree seeds for winter blooming. Contracts solicited. American Rose Co., Washington, D. C.

Grallert & Co., carnation growers. Send for trade list. Standard varieties, leading novelties. Colma, San Mateo Co., Cal.

Rooted cuttings of all the new and leading varieties. Send for prices.

Geo. Hancock & Son, Grand Haven, Mich.

New crop winter blooming carnation seeds. Hand fertilized. 25c per 100. Cash.

American Rose Co., Washington, D. C.

Best new and standard varieties. Write for catalogue and prices.

W. P. Peacock, Atco, N. J.

Mrs. Fisher, rooted cuttings, from soil, \$1.25 per 100.

C. Lengenfelder, Elgin, Ill.

For all the best novelties of the season write N. Smith & Son, Adrian, Mich.

New and standard varieties of Carnations.

F. Dorner & Sons Co., Lafayette, Ind.

CHRYSANTHEMUMS.

The new pink chrysanthemum, Miss Florence E. Denzer is the latest mum. Blooms for Christmas. See cut in Florists' Review of Dec. 21, '99. Rooted cuttings, \$3.00 per 100; 2½-in. pots, \$10.00 per 100. 30 other leading varieties, rooted cuttings, \$9.00 per 1000; 2½-in. pots, \$15.00 per 1000. Ready Mar. 20, 1900. Cash. Anton C. Zvolanek, Summit Ave., West Hoboken, N. J.

New Early Yellow Chrysanthemum Walter Molatsch. Three Certificates A. C. S. Ready March 1st, 1900. Price, 50c each; \$4.00 per doz.; \$25.00 per 100. For sale by Dailedouze Bros., Flatbush, Brooklyn, N. Y., and H. A. Molatsch, Brooklyn, N. Y., 63th St., bet. 8th and 9th Aves.

"Little Chris," bloomed with us continuously from March until January. Plant dwarf, flowers small, white. Sold well at Easter and Decoration Day. Cut back plants from young growth from bottom, 4 and 5-in. pots, 25 and 35c each. Plants from 2-in. pots later.

W. T. Bell & Sons, Franklin, Pa.

Merry Xmas. Latest White, 2-in. pots. Montmort, early pink, \$2.00 per 100; Merry Monarch, early white; Bonnaffon, the money maker. Cash with order.

Wm. Keir, Pikesville, Md.

Yellow Fitzwygram, the earliest yellow chrysanthemum. Young plants, \$7.00 per 100; \$60.00 per 1000. (200 at thousand rate.)

H. F. Littlefield, Worcester, Mass.

Rooted cuttings, Yellow Queen, Mrs. Robinson, G. Kalb, Merry Monarch, Bonnaffon, Lager, \$1.00 per 100. Cash.

Dann & Son, Westfield, N. Y.

We are headquarters for all the best novelties of the season in chrysanthemums.

N. Smith & Son, Adrian, Mich.

CINERARIAS.

Benary's, Cannell's and Sutton's prize strains, 2½-in., \$2.00 per 100; 3-in., \$3.00 per 100. Shellroad Greenhouse Co., Grange, Md.

500 extra strong, 2½-in., \$2.00 per 100.

South Side Floral Co., Springfield, Ill.

COLEUS.

Coleus, Crimson Verschaffeltii and Golden Queen, \$7.00 per 1000, 75 cts per 100; 2-in. pots, \$1.50 per 100. Coleus in variety, \$5.00 per 1000, 60 cts per 100; 2-in. pots, \$1.25 per 100. Rooted cuttings except where noted. Cash with order.

J. E. Felthousen, Schenectady, N. Y.

20 new ones, all named, \$1.00 per doz.; \$4.00 per 100. 30 standard varieties, all named, 2½-in., \$1.50 per 100.

Morris Floral Co., Morris, Ill.

Verschaffeltii, Golden Bedder, Queen Victoria, 60c per 100; \$5.00 per 1000.

C. Otto Schwabe, Jenkintown, Pa.

Fancy coleus, rooted cuttings, separate colors, 80c per 100; mixed, 60c per 100.

Greene & Underhill, Watertown, N. Y.

30 varieties, 70c per 100; \$5.00 per 100. Express paid.

S. D. Brant, Clay Center, Kan.

12 varieties, \$1.00 per 100.

W. L. Thomas & Son, Augusta, Ky.

Rooted cuttings, 50c per 100.

C. Lengenfelder, Elgin, Ill.

CROTONS.

12 finest sorts, color fine, 4-in., \$1.00 per doz.

John H. Ley, Good Hope, D. C.

CUT BLOOMS.

Carnations and violets, fresh cut flowers, direct from grower. Orders filled on short notice. Princess of Wales violet plants from 2½-in. pots, \$2.00 per 100. Long distance 'phone.

Evenden Bros., Williamsport, Pa.

High grade carnation blooms. Standing orders solicited. Chicago Carnation Co. Greenhouses and address, Joliet, Ill.

Write Geo. A. Kuhl, Pekin, Ill., for prices on cut roses, carnations and bulb stock.

CYCAS.

Cycas Revoluta. The true long leaf variety, will arrive in April. Write for special prices to F. W. O. Schmitz, Jersey City, N. J.

DAHLIAS.

250 varieties, show, fancy cactus and pompoms. For description and price see display adv. in this issue.

Rowehl & Granz, Hicksville, N. Y.

Dahlias by the tens of thousands. Get my catalogue before ordering elsewhere.

W. W. Wilmore, Box 383, Denver, Colo.

PLEASE MENTION THE REVIEW WHEN WRITING ANY OF THESE ADVERTISERS.

CLASSIFIED PLANT ADVERTISEMENTS—CONTINUED.

DAISIES.

New giant California white Marguerite and the new golden Marguerite, two of the greatest selling plants of the year, strong 2½-in., \$2.50 per 100; rooted cuttings, \$1.00 per 100. South Side Floral Co., Springfield, Ill.

Paris rooted cuttings, \$1.00; 2½-in., \$3.00 per 100. Mayer & Sons, Willow Street, Lancaster, Pa.

Bellis, strong plants, Snowball and Longfellow, 40c per 100; 300 for \$1.00; \$2.50 per 1000. J. C. Schmidt, Bristol, Pa.

DRACAENAS.

Dracaena indivisa, in flats, \$5.00 per 100. Greene & Underhill, Watertown, N. Y.

ERICAS.

Persoluta alba, 4-inch, \$18.00 per 100; \$150.00 per 1000. Persoluta rosea, 4-inch, \$18.00 per 100; \$150.00 per 1000. Well set with buds. Can be brought into flower for February and March (Easter). H. D. Darlington, Flushing, N. Y.

FERNS.

	Inch	Price	Per	Per
	pots	each	10	100
Adiantum Capillus Veneris, 2½	\$0.04	\$0.30	\$2.50	
Adiantum Capillus Veneris, 3	.05	.45	4.00	
A. C. V. Imbricatum or Hardy Farleyense	3	.15	1.50	
A. C. V. Imbricatum or Hardy Farleyense	4	.30	3.00	
Adiantum Cuneatum	4	.10	1.00	9.00
Pteris Cretica Alba-Lineata ..	4	.10	.90	8.00
Selaginella Emmelliana	2	.04	.30	2.50
Selaginella Emmelliana	3	.06	.50	4.50
Selaginella Emmelliana	4	.10	.90	8.00
Nephrolepis Exaltata	3	.06	.55	5.00
Nephrolepis Exaltata, str'g.7		.45	4.00	
N. Tuberosa	6	.25	2.00	
N. Rufescens Tripinnatifida 5		.35	3.00	

Mixed Ferns, from benches.....\$1.50
For other varieties and sizes see wholesale list, from which 10 per cent. discount will be given on all orders accompanied with cash. W. J. Hesser, Plattsmouth, Neb.

To close out for want of room, the following plants, ready for a shift:

	Per	Per
	100.	1000.
5000 Pteris Tremula, 2-in. pots.....	\$2.50	\$20.00
2000 Pteris Ensisfolia, 2-in.....	2.50	20.00
2000 Pteris Serrulata Max, 2-in.....	2.50	20.00
3000 Pteris Longifolia, 2-in.....	2.50	20.00
2000 Pteris Serrulata, 2-in.....	2.50	20.00
2000 Pteris " Compacta Nana, 2-in.....	3.00	25.00
1000 Pteris Onardia, 2-in.....	2.50	20.00
1500 Nephrolepis Bostoniensis, 2½-in.....	5.00	40.00
2000 " Cordata Compacta, 2½-in.....	4.00	35.00
2000 " Exaltata, 2½-in.....	4.00	35.00

Would exchange for 500 Adiantum Cuneatum. Cash with order.
The E. Hippard Co., Youngstown, O.

Ferns. 20 new and choice sorts, 4-in., \$10.00 per 100; 10 new and choice sorts, 2-in., \$4.00 per 100. Nephrolepis Washingtoniensis, 4-in., \$3.00 per doz. Selaginella Africana, 3-in., 50c per doz. Adiantum hybridum, new, 8-in., \$1.00 each. Ferns from flats, nice little plants for small pots, 10 sorts, 100 free by mail, \$1.25. Adiantum cuneatum, extra large, 4-in., \$10.00 per 100. Careful packing. Cash with order. John H. Ley, Good Hope, D. C.

Fern Spores. We are headquarters. Extra large pkt. sufficient for 3000 plants, \$1.00, postpaid. Collection of 12 best varieties, each in separate package, \$5.00, postpaid. Cultural directions with each order. Send for prices on Boston Ferns, Farleyense, etc. E. C. McFadden, Short Hills, N. J.

Ferns for dishes. Strong, 2 and 2½-in., \$3 per 100; \$27.50 per 1000. Maranta Massangeana (will sell your fern dishes), \$5.00 per 100; \$40.00 per 1000. Pteris Tremula, 3-in. pots, strong, \$5.00 per 100. Terms cash or C. O. D. C. Merkel & Son, Mentor, Ohio.

Boston Ferns. N. Exaltata Bostoniensis, small plants, \$5.00 per 100 to \$40.00 per 1,000; largest size, \$5.00 to \$20.00 per 100; not less than 250 at 1,000 rate. Wm. A. Bock, No. Cambridge, Mass.

Adiantum cuneatum, select stock, \$5.00 per 100; \$55.00 per 1000. Ready for shipment at once. M. A. Hunt Floral Co., Box 235, Terre Haute, Ind.

Nephrolepis cordata compacta, 2½-in., \$4.00 per 100. In 8-in. pans, \$10.00 per doz.; 10-in., fine, \$12.00 per doz. Cash, please. Carl Hagenburger, W. Mentor, Ohio.

Small ferns in choice assortment, out of 3 and 2½-inch pots, \$4.00 per 100. Cash. Geo. A. Rackham, 880 Van Dyke Ave., Detroit, Mich.

Fern Spores. Pteris Tremula, P. Ourardi. Saved December, '99. Liberal trade packets, 50c each. Graham Bros., Ottawa, Ont.

Boston Fern, a specialty, \$5.00 per 100; \$40.00 per 1000. Only orders booked. L. H. Foster, 45 King St., Dorchester, Mass.

Adiantum Farleyense, 2-in., \$8.00; 3-in., \$15.00 per 100. Samuel Murray, 1017 Broadway, Kansas City, Mo.

Boston Ferns and N. Cordata Compacta, 2½-in. pots. The National Plant Co., Dayton, O.

Pteris tremula, 2-in., 50c per doz.; \$4.00 per 100. C. Lengenfelder, Elgin, Ill.

Boston Ferns. Write J. Welsh Young, wholesale grower, Germantown, Pa., for prices.

FORCING PLANTS.

Pot grown lilacs for Easter forcing. Charles X. red; Marie Legraye, white; Mme. Le-moine, double white; \$6.00 per doz.; \$45.00 per 100. Azalea mollis, a fine lot of bushy plants, 12 to 15 inches high, well covered with buds, at \$6.00 per doz. Acacia armata, a nice lot of bushy plants, 12 to 15 inches high, 5-in. pots, 50 cts each; \$5.00 per doz. The lilacs and Azalea mollis can be shipped by freight without injury in any kind of weather. Henry A. Dreer, 714 Chestnut St., Philadelphia, Pa.

Spiraeas, extra large clumps, per 100, Japonica, \$3.50; compacta, \$5.00; astilboides floribunda, \$5.00; japonica aurea reticulata, \$10.00. Rhododendrons for forcing, 50c each; \$5.00 per doz. Well budded plants. Bobbink & Atkins, Rutherford, N. J.

Lilacs, in all varieties, \$45.00 per 100. Azalea mollis, from \$25.00 to \$35.00 per 100. Azalea pontica, from \$35.00 to \$45.00 per 100. Rhododendrons, \$35.00 to \$45.00 per 100. F. W. O. Schmitz, Jersey City, N. J.

FORGET-ME-NOTS.

Winter flowering, 2½-in., \$4.00 per 100; rooted cuttings, \$2.00 per 100. Greene & Underhill, Watertown, N. Y.

Winter-flowering, 2½-in., \$1.50 per 100. Morris Floral Co., Morris, Ill.

FUCHSIAS.

Fuchsia, Trailing Queen, \$1.50; fuchsias, assorted, \$1.50. Sun Ray, variegated, red, white and green, \$4.00 per 100. Greene & Underhill, Watertown, N. Y.

Fuchsias, in variety, in 2½-in. pots. Our selection, \$3.00 per 100. Cash with order. J. E. Felthousen, Schenectady, N. Y.

The best sorts, \$1.50 per 100. Cash. South Side Floral Co., Springfield, Ill.

Winter blooming, 2½-in., \$2.00 per 100. Morris Floral Co., Morris, Ill.

Rooted cuttings, \$1.00 per 100. C. Lengenfelder, Elgin, Ill.

GARDENIAS.

Gardenia Florida, from 3-inch pots, 8-10 inches, branched, \$10.00 per 100. P. J. Berckmans Company, Augusta, Ga.

GAZANIA.

Gazania Splendens. For baskets, beds and borders. Rooted cuttings, \$1.25 per 100; \$10.00 per 1000. February and March delivery. Chas. H. Campbell, Richland, San Diego Co., Cal.

GERANIUMS.

New foliage border geranium Sunlight. A seedling from a pure white sport, distinct, novel and interesting. The sun shines right through this plant, leaf and branch. Offered now for the first time. Orders booked now for March and April delivery. Sample sent on receipt of 15c; price per 12 plants, \$1.25. Make a note of this adv., it may not appear again. Benj. Wm. Sill, L. I. City, N. Y., Cor. Main and Remsen Sts.

Have a few thousand left. S. A. Nutt, La Favorite, Richard Brett, Wilhelm Pfitzer, Jas. Garr, Marguerite De Layers, Mrs. E. G. Hill, Alphonse Riccard, Wonder, Grenoble, Rev. Atkinson, 2½-in. pots, \$30.00 per 1000; \$3.25 per 100. Rose geraniums; rose, lemon cuttings, \$2.00 per 100; \$18.00 per 1000. Mme. Sallerol, from soil, \$1.50 per 100; \$12.00 per 1000. Cash with order. J. E. Felthousen, Schenectady, N. Y.

Mrs. Parker, \$6.00; Happy Thought, Silver Leaf, 2½-in., Mrs. Pollock, 2½-in., \$4.00 per 100. Rooted cuttings, dbl. New Life, Mrs. Parker, dbl. pink silver leaf, \$4.00; Happy Thought, Freak of Nature, Mars, \$3.00; Mme. Bruant, \$2.50; Silver Leaf, rose scented, Bronze, \$1.50; Mme. Sallerol, \$1.25; assorted common, \$1.50; mixed, \$1.25; best varieties, \$2.00 per 100. Greene & Underhill, Watertown, N. Y.

20,000 geraniums, embracing our entire superb collection, \$1.50 per 100; \$15.00 per 1000, large fine cuttings, all of uniform size. 5000 2½-in. Paul Bruant, the best scarlet, \$3.00 per 100. Cash. South Side Floral Co., Springfield, Ill.

Rooted cuttings, all colors, \$1.50 per 100; \$12.00 per 1000. 2-inch pot plants, finest varieties, \$3.00 per 100; \$25.00 per 1000. Satisfaction guaranteed. C. L. Brunson & Co., Paducah, Ky.

Best bedding varieties, mixed, in fine growing condition, 2-in., \$2.50 per 100; rooted cuttings, \$1.50 per 100. C. Lengenfelder, Elgin, Ill.

S. A. Nutt, White Swan, Heteranthe, Mrs. E. G. Hill; scented geraniums, lemon, nutmeg, balm, rose, 2½-in. pots, \$3.00 per 100. The National Plant Co., Dayton, O.

25 varieties, 3½-in., large plants, summer struck, \$5.00 per 100. W. L. Thomas & Son, Augusta, Ky.

Only the best standard varieties, 2½-in. pots, \$2.50 per 100; \$20.00 per 1000. C. Otto Schwabe, Jenkintown, Pa.

Geraniums DeRoo Mitting and double Snow Drop, 2½-in., \$7.00 per 100. Morris Floral Co., Morris, Ill.

Mixed, from 2-in. pots, strong plants, \$2.50 per 100. D. S. Brant, Clay Center, Kan.

We are headquarters for the best novelties in geraniums. N. Smith & Son, Adrian, Mich.

16 varieties, \$3.00 per 100. Cash please. Jos. H. Cunningham, Delaware, Ohio.

GLOXINIAS.

Named varieties, as follows, \$4.00 per 100. Mont Blanc, pure white; De fiance, scarlet; Progress, red, white bordered; Patrie, violet, white bordered; also a limited quantity of Kaiser Frederick and Kaiser Wilhelm, the best varieties out. Bobbink & Atkins, Rutherford, N. J.

Gloxinia erecta, extra, \$40.00 per 1000. F. W. O. Schmitz, Jersey City, N. J.

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Vinca Minor. We can supply any quantity in nice little field-grown clumps at \$2.50 per 100; \$3.00 per 1000; \$75.00 per 10,000. Samples at 100 prices. No charge for packing, when cash accompanies order. Reference requested. Pinehurst Nurseries, Otto Katzenstein, Mgr., Pinehurst, N. C. Ask for our trade lists of American Woody and Herbaceous Plants and Seed.

Biota Aurea Nana, a perfect gem, fine, shapely plants, hardy north, 10 to 12 inches high, \$10.00 per 100; \$80.00 per 1000; 12 to 15 inches, \$12.00 per 100; \$100.00 per 1000; 15 to 18 inches, \$20.00 per 100. P. J. Berckmans Company, Augusta, Ga.

American Elms, 8 to 10 ft., 1 to 1½-inch caliper. 25 elms, 6 to 9-inch caliper, fine specimens with well developed heads. Send for price list. Samuel C. Moon, Morrisville, Bucks Co., Pa.

The reliable new Everbearing Peach, also the Elberta and other choice varieties. Japan Plums, all the most approved sorts. Select assortment of small fruits. Milford Nurseries, Milford, Del.

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Rooted cuttings, \$1.00 per 100. C. Lengenfelder, Elgin, Ill.

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Manettia bicolor, 2½-in., \$4.00; rooted cuttings, \$2.00 per 100. Greene & Underhill, Watertown, N. Y.

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Manetti for grafting Tea Roses, \$12.00 per 1000. Bobbink & Atkins, Rutherford, N. J.

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We are headquarters for established and imported orchids of all quality. Our new price list now ready. Cherry wood baskets, moss and peat. Lager & Hurrell, Summit, N. J.

Strong, well established, healthy plants, at \$9.00 per doz. Fern roots of best quality, \$1.00 per barrel. W. Mathews, Utica, N. Y.

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Tree pæonias, in pure white, rose, red and variegated. Should be planted now in pots. Commands high prices for Easter bloom. If desired special directions will be given to insure best success. We offer fine stock, per plant, 65 cts.; per dozen, \$6.00; 25 plants, \$10.00. H. H. Berger & Co., 47 Barclay St., New York.

Pæonia officinalis rubra plena, \$10.00 per 100; \$1.50 per dozen. This is the true dark crimson variety, the earliest flowering pæonia in existence and the only one good for forcing. Bobbink & Atkins, Rutherford, N. J.

Pæonies in variety, from \$10.00 to \$15.00 per 100. F. W. O. Schmitz, Jersey City, N. J.

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	Pot	H't.	Char.	Per	Per
	in.	in.	lvs.	100.	1000.
Latania Borbonica,	4	12-15	2	\$15.00	\$125
"	4	15-18	2-3	20.00	150
"	5	18-20	4-5	25.00	
Phoenix Canariensis,	4	15-18	4-5	15.00	
Seaforthia Elegans,	4	18-20	2	20.00	
P. J. Berckmans Company, Augusta, Ga.					

Fresh seed: Latania borbonica, 40 cts per 100; \$2.50 per 1000. Cocos Weddelliana, \$1.00 per 100; \$7.50 per 1000. Pandanus utilis, \$1.25 per 100; \$10.00 per 1000. Samples, 10 cts.

H. H. Berger & Co., 47 Barclay St., N. Y.
California Fan Palm. Washingtonia Filifera, from seed bed, one foot high, \$5 per 100, postpaid. P. D. Barnhart, Bakersfield, Cal.

Aspidistra, extra fine plants. Variegated, 10c per leaf, green, 6c per leaf. Bobbink & Atkins, Rutherford, N. J.

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Peperomias argyrea and arifolia, 3-in., 50c per doz. John H. Ley, Good Hope, D. C.

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Fine plants, large flowering strain, \$2.50 per 1000. Cash please. Jos. H. Cunningham, Delaware, Ohio.

Schmidt's Pansies have no equal. Fine plants, 50c per 100; \$3.00 per 1000. J. C. Schmidt, Bristol, Pa.

Herr's Pansies, good little plants, at 75c per 100; \$4.00 per 1000. A. M. Herr, Lancaster, Pa.

Pansies, \$4.00, \$10.00 and \$12.00 per 1000. W. C. Jennison, Natick, Mass.

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Excellent market varieties, free bloomers; Mme. Thibaut, Mme. Vibert, Duchesse of Edinburgh, La Vesuve Victor, Marie Mallet, Lord Salisbury, Daybreak and Sunset, \$4.50 per 100. Cash with order. Adolph Stahl, Johnstown, Pa.

Mrs. Robt. Sandford, Mme. Thibaut, and Mme. Vibert. 2½-inch pots, strong plants, \$6.00 per 100; 4-inch pots, very strong plants, \$15.00 per 100. Terms cash. Charles L. Fischer, Atlantic City, N. J., 1516 Arctic Avenue.

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Henderson's and Dreer's choicest varieties. Extra strong 2-in. pot plants, \$2.00 per 100; \$18.00 per 1000. Extra strong rooted cuttings, \$1.00 per 100; \$8.00 per 1000. South Side Floral Co., Springfield, Ill.

30 varieties, every one fine, \$1.25 per 100. S. D. Brant, Clay Center, Kan.

30 varieties, mixed, \$2.00 per 100. Morris Floral Co., Morris, Ill.

Rooted cuttings, \$1.00 per 100. C. Lengenfelder, Elgin, Ill.

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Poinsettias. Good, strong, healthy, dormant stock. Address Chas. Frueh & Son, 1116 Hoyt St., Saginaw, Mich.

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Chinese Primroses, fringed foliage, finest market vars. from 2-in. pots, \$2 per 100; from 2½-in. pots \$2.50 per 100; from 3-in. pots, fine plants in bud, \$4 per 100. From 4-in. pots, extra strong, in seven colors, including double white, red and single blue, all well set with buds, \$1 doz.; \$8 per 100. All warranted A No. 1 stock. Paul Mader, East Stroudsburg, Pa.

New yellow Baby Primrose, 2½-in., \$7.00 per 100. Chinese, 2½-in., strong, \$1.50; Obconica, strong, 2½-in., \$2.00; 3½-in., \$2.50 per 100. From flats, strong, 50c. Morris Floral Co., Morris, Ill.

For Easter blooming, 2-in., \$2.00 per 100. In bud, 2½-in., \$3.00. Primula obconica, 2-in., \$2.00; in flats, \$1.50. Greene & Underhill, Watertown, N. Y.

150 Obconica grandiflora and 100 Forbesi at \$2.00 per 100. Cash please. Jos. H. Cunningham, Delaware, Ohio.

ROSES.

Dormant Hybrid Perpetual Roses. Just the thing for Easter pot plants. Low budded. Two-year-old. Price, your selection of kinds, bundle of 10 for \$1.25; 100 for \$10.00; 1000 for \$90.00. The varieties: Alfred Colomb, Capt. Christy, Duke of Edinburgh, Fisher Holmes, Gen. Jacqueminot, Gen. Washington, John Hopper, La France, Mabel Morrison, Baroness Rothschild, Mme. Gabriel Luizet, Magna Charta, Margaret Dickson, Mrs. John Laing, Paul Neyron, Perle des Blanches, Prince Camille de Rohan, Ulrich Brunner, Clucas & Boddington Co., 342 West 14th St., New York.

Rose cuttings. American Beauty, \$3.00 per 100; \$25.00 per 1,000. La France, \$2.00 per 100; \$17.50 per 1,000. Bride, Bridesmaid, Meteor and Perle, \$1.50 per 100; \$12.50 per 1,000.

All rooted cuttings sold under the condition that if not satisfactory they are to be returned a once and money will be refunded.

George Reinberg, 51 Wabash Ave., Chicago.

Rooted rose cuttings. Get new blood in your roses. Our cuttings this year are made from grafted plants and only the best wood used. Our prices same as others. Brides, Maids, Meteors, \$1.50 per 100. The new crimson forcing rose Liberty at introducers' prices.

Bassett & Washburn, 76-78 Wabash Ave., Chicago.

Place your order now for Perle rose cuttings and plants. Remember they are from the "Perle King" of St. Louis and from prize winning stock. Rooted cuttings, \$1.75 per 100; \$15.00 per 1000. 2-in. pots, \$3.00 per 100; \$25.00 per 1000. Cash or satisfactory references.

J. F. Ammann, Edwardsville, Ill.

Liberty Rose. Own rooted stock only, for April and May delivery.

Prices for plants out of 2½-in. pots: 12 plants, 60c each; 25 plants, 50c each; 50 plants, 30c each; 100 plants, 25c each; 1000 plants, 20c each.

E. G. Asmus, West Hoboken, N. J.
Agents: J. C. Vaughan, Chicago, Ill.; J. N. May, Summit, N. J.; F. R. Pierson Co., Tarrytown-on-Hudson, N. Y.

We are now shifting from 2 to 2½-in. pots our first lot of roses which will be ready to ship Feb. 15. Have ready now rooted cuttings and 2-in. stock. Send 50c or \$1.00 for samples and prices. Satisfaction guaranteed. Geo. A. Kuhl, Pekin, Ill.

Large, strong, thrifty two-year field-grown roses, 75 varieties. We need the ground they occupy, and will sell very cheap. Write for prices. Junata Rose Farm, P. O. Box 187, Atlanta, Ga.

To clean out for room. Bride, Bridesmaid, C. Souper, Etoile de Lyon, Kaiserin, La France, Climbing Meteor, Gontier, \$2.00 per 100; \$25.00 per 1000. Cash. Jos. Lahr & Sons, Springfield, Ohio.

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Rose bushes. Field-grown. Own root. Tender and hardy sorts. Send us your list of wants for pricing. The Howland Nursery Co., Los Angeles, Cal.

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Crimson Rambler, strong plants, 3 to 4 ft., \$15.00 per 100; extra strong, 4 to 5 ft., \$18.00 per 100. The Conard & Jones Co., West Grove, Pa.

Several thousand strong, field-grown, 2-year-old Zelia Pradel rose plants, for sale at \$15.00 per 100. John Wolf, Savannah, Ga.

50,000 standard roses, rooted cuttings, \$12.50 per 100. Cash. South Side Floral Co., Springfield, Ill.

All sizes and kinds. Write for prices. The National Plant Co., Dayton, O.

Hardy roses in great variety. Ellwanger & Barry, Rochester, N. Y.

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If you read these advs. others would read yours.

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CLASSIFIED ADVERTISEMENTS—CONTINUED.

SALVIA.

Salvia splendens, 2½-in., \$2.50 per 100; rooted cuttings, \$1.00 per 100.
South Side Floral Co., Springfield, Ill.

Salvia splendens, rooted cuttings, \$1.00 per 100; \$5.00 per 1000.
C. L. Brunson & Co., Paducah, Ky.

Salvia, rooted cuttings, \$1.25 per 100.
Greene & Underhill, Watertown, N. Y.

Clara Bedman, \$2.00 per 100.
Morris Floral Co., Morris, Ill.

If you read these advs. others would read yours.

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Ready for delivery now. Crop, 1899. No old seed kept over. Sweet peas in following sorts: America, Aurora, Apple Blossom, Blanche Ferry, El. Early B. Ferry, Blanche Burpee, Boreatton, Capt. of Blues, Captivation, Cardinal, Countess of Radnor, Countess of Aberdeen, Creola, Dorothy Tennant, Emily Henderson, Emily Eckford, Eliza Eckford, Firefly, Gray Friar, Juanita, Lottie Eckford, Lemon Queen, Mara, Mrs. Jno. Chamberlain, Mrs. Hunt, Maid of Honor, New Countess Primrose, Prima Donna, Princess of Wales, Queen of England, Queen Victoria, Red Riding Hood, Senator, Stanley, any of above sorts, oz., 5 cts; ¼ lb., 15 cts; ½ lb., 20 cts; 1 lb., 30 cts. When ordering add postage, 4 cts for 2 oz. Choicest mixture, Eckford's hybrids, ¼ lb., 10 cts; ½ lb., 15 cts; 1 lb., 25 cts. Sow now Gloxinia Seed, prize mixture, pkt., 25 cts.
H. H. Berger & Co., 47 Barclay St., N. Y.

Flower Seed that will Grow. Aster, Sample's, White, Pink, Lavender, Mixed, Pacony flowered, Victoria, Giant Comet, Queen of Market, 75 cts per oz.; large trade packet, 25 cts. Mignonette, Allen's Defiance, Golden Queen, Pure Machet, per oz., 50 cts; large trade packet, 15 cts. Cobaea Scandens, purple, per oz., 30 cts; trade pkt., 10 cts. Verbena, Mammoth Flowering, choicest mixed, per oz., \$1.00; ¼ oz., 40 cts; large trade pkt., 25c. Sweet peas. Extra Early Blanche Ferry, B. Burpee, Mrs. J. Chamberlain, K. Tracy, Ovid, Novelty, Meteor, Gray Friar, E. Henderson, E. Eckford, C. of Aberdeen, Captivation, Capt. of Blues, Blanche Ferry, A. Eckford, per pound, 40 cts; per oz., 10 cts. Mixture containing all the above sorts, per pound, 25 cts; per oz., 5 cts. Satisfaction guaranteed. Cash with order.
Geo. L. Miller, Newark, Ohio.

XXXSeeds. Verbena Grandiflora. The finest strain of Improved Giant Verbenas yet produced, largest flowers and best colors, per pkt., 800 seeds, mixed colors, 50 cts. Cyclamen Giganteum. The choicest Giant-flowering varieties in best mixture, pkt., 200 seeds, \$1.00; half pkt., 50 cts. Chinese Primrose. Best large, single and double, 500 seeds, \$1.00. Phlox Drum. Pumila. New, very dwarf, perfect beauties, excellent for growing in pots for Spring sales, mixed colors, per trade pkt., 20 cts. A pkt. of New Double Early-flowering Dwarf Vienna Carnation added to every order.
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The finest Cosmos in the world. Splendid new varieties, "Pink Butterfly" and "White Pond Lily." Grand older varieties: Giant Red, Pink, White, separate and mixed; Tints of Dawn, New Marguerite Cosmos, Fringed, Orange, Yellow, Dreer's "Early Dawn," and all the older varieties. Grand New Giant White Poppy, "Maid of the Mist," New Dianthus, "Oriental Beauties." Seaforthia Elegans, fresh crop. Smilax, fresh. Other seeds in variety. Send for trade list to Mrs. Theodora B. Shepherd, Ventura-by-the-Sea, Cal.

Hybrid Begonia Seed. Now is the time to plant. These seeds were saved from choice varieties. Vulcan, Purity, and other giant-flowering varieties of the Vernon type, including the golden-leaved variety. Trade pkt., 25c. Make a note of this adv., it will not appear again. Benj. Wm. Sill, cor. Main and Remsen Sts., L. I. City, N. Y.

Germain Fruit Co.'s California Grown Seeds. Specialties: Wax Beans, Lima Beans, Salt Bush, Bermuda Grass, Johnson Grass, Sweet Peas, Cosmos, Verbenas, Asters, Tree and Shrub Seeds, Onion, Lettuce, Celery, Carrot, Parsnip, Salsify, Calla, Freesia, Amaryllis Bulbs, Pampas Plumes, Correspondence solicited. Los Angeles, Cal.

Livingston's Magnus, the new tomato for 1900, is a very distinct and most promising variety, of the color of Beauty and Acme, but is thicker, heavier and more solid than either of the above, making it easily the most handsome sort in cultivation. Per pkt., 20c; 3 pkts., 50c; 7 pkts., \$1.00.

The Livingston Seed Co., Columbus, Ohio.

Our Specialties: Sweet peas, cosmos, hollyhock, verbena, aster, mignonette, etc.; onion, lettuce, celery, carrot, salsify, parsnip, lima beans, salt bush, bromus grass, Bermuda grass, Johnson grass, etc. All California grown. Perry Watson & Co., Sacramento, Cal.

Seasonable seeds. Primula, Pansy, Verbena, Daisy, Sweet Peas, Nasturtium, and all spring seeds for florists. Write for our new list.

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Finest flower seeds and bulbs for florists. Vegetable and grass seeds. Poultry supplies and incubators. Send for catalogue. Jas. F. Dickmann Seed Co., 1110 No. 3rd St., St. Louis, Mo.

Samples Asters, choicest home-grown seed, 25c per ¼ oz.; \$1.00 per oz., in white, shell pink and lavender. Catalogue of flower and vegetable seeds for florists and market gardeners sent on application.

W. C. Beckert, Allegheny, Pa.

Seeds for profit. Florists' flower seeds, Sweet Peas. Wholesale catalogue on application. Weeber & Don, Seed Merchants and Growers, 114 Chambers St., New York City.

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Wholesale price list for florists and market gardeners.
W. Atlee Burpee & Co., Philadelphia, Pa.

Seeds, plants and bulbs. Wholesale and retail catalogues. Florists' seeds a specialty. James Vick's Sons, Rochester, N. Y.

Special seeds for the florist and gardener. Send for wholesale catalogue.
Johnson & Stokes, Philadelphia, Pa.

Pansy seed, 3-16 oz., \$1.00; 1 oz., \$4.00. Cash with order.
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190 Grant Ave., Jersey City, N. J.

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Strong, 2½-in., \$1.50 per 100; 2-in., \$1.00 per 100. Seedlings, big, bushy plants, fit to plant right out, 50c per 100; \$4.00 per 1000, delivered. Cash. South Side Floral Co., Springfield, Ill.

String your Smilax with Meyer Green Silk-line. Send for samples and prices. John C. Meyer & Co., Mfrs. and Wholesalers, 87 Summer St., Boston, Mass.

From flats, 50c per 100; 2-in. pots, \$1.50 per 100. Cash with order.
F. Boerner, Cape May City, N. J.

SWAINSONA.

Swainsona alba galegifolia, 2-in. pots, \$2.00 per 100. Cash with order.
Logan Avenue Greenhouses, Danville, Ill.

VERBENAS.

Verbenas. 75,000, all standard named sorts, much superior to the home made named seedlings often sent out. Guaranteed all true to name. Reduced prices. Rooted Cuttings, well rooted, 60c per 100; \$5.00 per 1000; 5000 for \$22.00; 10,000 for \$40.00; 25,000 for \$75.00. In larger lots, write for prices. We don't care where you live—guaranteed to reach you in good shape. Sent prepaid. Send for price list of other stock.
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We are the largest verberna grower in the world; we have them, too, the very best mammoth named varieties on earth at the following prices: 60c per 100; \$5.00 per 1000; \$22.00 per 5000; \$40.00 per 10,000. We pay express charges on all rooted cuttings and guarantee satisfaction. Cash please.
C. Humfeld, Clay Center, Kan.

60 finest named varieties, including our new mammoth white, Mrs. McKinley, the finest white verberna grown. Healthy, free from rust. Rooted cuttings, 60c per 100; \$5.00 per 1,000. Plants, \$2.50 per 100; \$20.00 per 1,000. Our list is the choice from millions of seedlings.
J. L. Dillon, Bloomsburg, Pa.

50,000 verbenas. 20th century collection comprising 32 grand mammoth varieties, the cream of the latest and choicest, 60c per 100; \$5.00 per 1000. Strong 2-in., \$2.00 per 100; \$18.00 per 1000. Full of cuttings. Elegant stuff. Cash.
South Side Floral Co., Springfield, Ill.

We have all the best, plenty of red and pink, 60c per 100; \$5.00 per 1000.
S. D. Brant, Clay Center, Kan.

VEGETABLE PLANTS.

Cabbage plants Jersey Wakefield and other varieties, from cold-frames, transplanted. Lettuce plants. Boston Market, Tennis Ball, Curled Simpson, Grand Rapids and other varieties.
R. Vincent, Jr. & Son, White Marsh, Md.

VINCAS.

Major and Var., strong rooted cuttings, \$1.00 per 100.
South Side Floral Co., Springfield, Ill.

Vincas, center of foliage yellow, 2½-in., 50c per doz.; \$3.00 per 100.
C. Lengenfelder, Elgin, Ill.

Major and Var., rooted cuttings, \$1.00 per 100. Cash with order.
Logan Ave. Greenhouses, Danville, Ill.

Rooted cuttings, \$1.25 per 100; \$10.00 per 1000; 4-in. pots, \$8.00 per 100; \$70.00 per 1000.
J. E. Felthousen, Schenectady, N. Y.

Vincas, rooted cuttings, \$1.50 per 100; \$12.50 per 1000. Greene & Underhill, Watertown, N. Y.

Vinca Var., strong field-clumps, \$4.00 per 100. Cash.
Dann & Son, Westfield, N. Y.

Variegated vincas, 2½-in., \$2.00 per 100.
Morris Floral Co., Morris, Ill.

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Velvet plant, \$2.00 per 100. Mesembryanthemum erectum, California moss, fine for border or basket, Lycopodium dent., to fill in design work. Dusty Miller, Feverfew, Little Gem and Golden Leaved, all the above in 2½-in. pots, \$1.50 per 100.

Morris Floral Co., Morris, Ill.

Ageratum, three kinds, including Princess Pauline, 70c per 100. Alyssum, dbl., \$1.00 per 100. Lantanas, four kinds, \$1.25 per 100. Salvias, three kinds, \$1.00 per 100. Express prepaid and satisfaction guaranteed. Cash with order, don't send checks.
S. D. Brant, Clay Center, Kan.

Lemon Verbena, \$3.00, \$4.00 and \$6.00 per 100. Impatiens Sultan, 2½-in., \$3.00 per 100. Rooted cuttings: Impatiens Sultan, \$2.00. Alyssum Giant, \$1.00. Fragrant calla, 2½-in., \$1.50; 4-in., \$3.50 per doz. Mignonette, 2-in., \$2.00 per 100. Greene & Underhill, Watertown, N. Y.

Honeysuckles, Hibiscus Cooperi, Moon Vine, white and blue, Strobilanthes Dyerianus, 2½-in. pots, \$3.00 per 100.

The National Plant Co., Dayton, O.

Wandering Jew, 3 varieties, 60c per 100. Artillery plant, from flats, 75c per 100.
W. L. Thomas & Son, Augusta, Ky.

Moon Flowers, from 2-in. pots, white and blue, \$2.50 per 100; \$20.00 per 1000.
C. L. Reese, Springfield, Ohio.

Feverfew, rooted cuttings, \$1.50 per 100; \$12.00 per 1000. J. E. Felthousen, Schenectady, N. Y.

ARTIFICIAL FLOWERS.

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N. C.

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Cape flowers.
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Smith Co., 207-209 Randolph St., Chicago.

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Greenhouse Glass. Wood Glass Co., 226 N.
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lb.; 50 to 1000 lbs.

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cide, the best and by far the cheapest all-
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seedsmen. For free pamphlet write The Ken-
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dust, \$2.50 per 100 lbs. Rose Leaf Extract of
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Used for fumigation or spraying, indoors or
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teen. Sold by seedsmen. Circular free.
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per 100 lbs. Tobacco Dust, packed in 25, 50,
100 and 250 lbs., 2½ cts per lb. U. Cutler,
Ryerson, 110 Third Ave., Newark, N. J.

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200 to 250 lbs. Fresh and clean. P. C. Ful-
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Mfg. Co., 63 Second St., Milwaukee, Wis.

Pipe and Fittings. Hoffman & Billings Mfg.
Co., 96 Second St., Milwaukee, Wis.

Iron Pipe and Fittings for florists. The
Kelly & Jones Co., Pittsburg, Pa.

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Standard Flower Pots. Our pots are of the
best quality. We ship all goods from Cin-
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Papier-mache, crimped paper, willow, cellu-
loid, braid pot covers, from \$6.00 per 100 up-
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M. Rice & Co., Philadelphia, Pa.

SPHAGNUM MOSS.

We are headquarters on Sphagnum. Just
received several carloads.

Per Bale, \$1.00.

Six Bales, \$5.00.

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Write for prices on large quantities.
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Your greenhouse should be protected from
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Fibre vases and saucers, all sizes.
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The Lehman heater is the best. Write for
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Wheat sheaves, "unequalled," from 50c per
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CLASSIFIED ADVS.—Continued.

WIRE WORK.

C. A. Kuehn, 1123 Pine St., St. Louis, Mo., manufacturer of the Patent Wire Clamp Floral Designs. A full line of supplies always on hand. Write for catalogue.

We are Headquarters for Wire Work. McKellar & Winterson, 45, 47, 49 Wabash Ave., Chicago.

Reed & Keller, 122 W. 25th St., New York. Manufacturers of Wire Designs.

PITTSBURG.

Various Items.

Business has picked up some the past week. Flowers, of all kinds, are not coming in very plentifully and are cleaned out much better.

Roses seem to be off crop with the growers here and Harrisii are not plentiful. Several of the growers report lots of Harrisii plants as having gone to the rubbish heap lately.

The Florists' Club at its January meeting nominated the old officers.

John Edlefsen, an old resident of Millvale, died Jan. 16, in the 64th year of his age, at his residence, on Evergreen avenue. The deceased was born in Schleswig-Holstein, Germany, in 1837, and came to the United States in 1868, locating in Millvale, where he had lived ever since. He was a florist and was active in the duties of his business until a few years ago.

The late Mr. Edlefsen is survived by his widow and by two sons and two daughters. William Edlefsen, one of the sons, is engaged in the florist's business in Milwaukee.

The Pennsylvania Horticultural Society held its forty-first meeting in the old city hall, which had been prettily decorated by the members of the club. Randolph & McClements, John Bader and Blaha & Fort furnished the plants; Thomas M. Ulam, laurel wreathing, and the Pittsburg Cut Flower Company, southern smilax.

The exhibitors were: Randolph & McClements, table of stove plants; G. & J. W. Ludwig, a very nice table of cut flowers; L. I. Neff, cut flowers; E. Fisher, well grown freesia; Geo. H. Beckert and G. B. Robinson made a nice display of fruit and vegetables; Wm. Laine, a basket of flowers carved out of vegetables, which attracted a great deal of attention.

Prof. S. B. Heiges, of York, Pa., and Prof. John Hamilton, state secretary of agriculture, made very interesting speeches, advising farmers to turn their attention to fine fruits, as the competition in wheat growing was getting stronger each year. The preparation of the soil for transplanting; the care of the trees; the important item of grading the fruit for market; the study of insects and their extermination, to be taught in our schools, were some of the points touched upon.

Officers were elected as follows: President, Howard A. Chase, Philadelphia; vice presidents, Calvin Cooper, Bird-in-Hand; Daniel D. Herr, Lancas-

ter; M. C. Dunlevy; recording secretary, E. B. Engle, Waynesboro; corresponding secretary, William P. Brinton, Christiania; treasurer, Samuel C. Moon, Morrisville.

The next meeting will be held at Harrisburg, January, 1901. BAER.

ST. PAUL, MINN.

Trade since my last report has been good, bad and indifferent.

Society is now on wing, or rather on foot, and provides an outlet for the florists' wares. The weather conditions have been almost perfect and a big cut has resulted therefrom. Funeral work has been in quite good demand and but few flowers have gone to waste.

At this writing there is nearly two inches of snow on the ground; a few of the nabobs are out in sleighs for the first time this season. If the present ideal weather continues fuel bills will be smaller than last year, even at advanced prices.

Violets continue off crop and scarce, even with an abundance of sunshine. Some of the largest growers are cutting but very few and there appears to be a general complaint regarding the shortage. By most this condition is attributed to the hot weather in October. Harrisii are very slow and backward, the first blooms being noted January 8. There is scarcely a trace of disease to be seen in any plants, which shows what good can be accomplished when growers and dealers act together. United action in other ways would prove of vast benefit to the trade in general.

Dr. R. Schiffman, our local orchidist, has gone to Jamaica on his annual southern tour.

L. G. Veuzke, formerly in business here, has accepted a position with E. F. Lemke.

Recent callers on the trade were C. P. Braslan, Alex. Rodgers and W. H. Small. X. Y. Z.

MEMPHIS, TENN.

John Pearson, one of the oldest florists in Memphis, died of pneumonia January 19. Mr. Pearson was an old school English gardener and was a specialist in azaleas and hard wooded plants. His cheerful disposition and cordial smile will be missed by all who knew him. He was universally liked by all the members of the trade and the general public, with whom he was deservedly popular. He leaves a widow, no children. His partner, Mr. W. McCarty, will continue the business.

Mr. G. W. Wheeler, of Chicago, was a recent caller; also Mr. W. Mott, of Philadelphia.

The extremely mild weather since Christmas has made flowers plentiful. Bulbous stuff is almost a glut. Violets are plenty. The cut flower trade has been satisfactory to the store men, but there has been a dearth of large decorations. People rent a dozen palms and arrange some cut flowers on mantels and in vases, smilax on chandeliers, a few flowers on tables, and it is "decorated." The local papers describe it as elegant and chaste and "bowers of Beauty," and the ordinary layman would think from the description that \$100 to \$200 had been expended for floral decorations. Possibly \$15 to \$25 would cover the entire floral bill.

C. H. H.

DENVER, COLO.

Following are the scores made by the Denver Florists' Bowling Club, Jan. 16th:

	1st.	2d.	3d.	Av.
Robt. Kurth ..	154	213	224	197
Al. Mauff ..	224	171	164	186
Chas. Mauff ..	221	164	167	184
John Berry ..	171	179	159	170
P. C. Gallup ..	175	143	182	167
John Ferriss ..	154	175	165	165
A. M. Lewis ..	138	247	103	163
Ed. Emerich ..	107	225	118	150
Chas. Thies ..	181	109	151	147
A. A. Benson ..	124	176	113	138
Geo. Brenkert ..	123	119	158	133
Chas. Franz ..	121	135	128	128

G. A. Z.

OSHKOSH, WIS.—Fire did some damage to the store occupied by John Nelson, the florist, Jan. 18.

WANT ADVERTISEMENTS.

Advertisements under this head 10 cents a line, an average of seven words to the line.

SITUATION WANTED—As foreman of good sized establishment near Chicago where merit and successful work will be appreciated; either cut flower growing or general stock; salary \$75.00 a month. Address A. M., care Florists' Review.

FOR SALE—First-class well established florist business, located in Western Iowa, in live city of 5,000 inhabitants, and fifteen thriving cities within 40 miles; good R. R. connections; good home market, good shipping trade, no competition; six large houses, all new, in heart of city; full of stock in excellent condition; will be sold very reasonable if taken at once; good reason for selling; do not write unless you mean business. Address Iowa, care of Florists' Review.

SITUATION WANTED—By all-around grower. At roses, carnations and violets. American, married, age 36. State wages. Best references. Address Grower, Isabella, Chester Co., Pa.

SITUATION WANTED—Young man, 24, wishes situation for greenhouse work where he can advance. Henry Bauer, 385 E. 10th St., New York.

...FOR SALE...

Three greenhouses, 20 x 80 ft. each, in good condition, steam heat. Houses to be taken off the place after spring trade is over. Good stock of plants on hand. Will sell very cheap. Write for particulars. John Lieber, Maryville, Nodaway Co., Mo.



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234 MERCER ST. NEW YORK.
GREENHOUSE BUILDERS
Hot Water Boilers, Pipes, Fittings
Sewer Pipes, Cements, and Ventilating Apparatus

Mention The Review when you write.

BUGS.

The grower is always talking about "bugs," and I want to tell you an old-time chestnut, which if you have never heard before may amuse you.

"Once upon a time," as the old stories begin, there was a man who had more money than brains and after taking care of the poor he devoted the balance of his time to collecting bugs. He traveled all over the world and collected cases upon cases of bugs, fixed them up, and when he thought he had the collection complete he called in his fellow bug collectors and with a great deal of pride showed them what he had done.

After all these "buggy" men had examined all the cases very carefully, one of them said there was to be a special medal given for the best collection of bugs, and the owner of the collection mentioned was very much delighted, for he was sure there was not another collection like his in the world, and he wanted to wager that he would win the medal. After some more looking over another of the party offered to accept the wager. This surprised the owner, who knew there must be something short, and he begged to know what it was. It turned out that it was a common, every-day louse that was short.

This rather set back the owner, for he admitted the shortage, but he did not know where or how to obtain a specimen. After a little discussion it was suggested that he start down Chatham street, New York, or Clark street, Chicago, which the owner did. After walking up and down he saw the three balls before a dirty looking store and bracing himself, started in. After getting inside he started off something like this: "I give money to the poor and I do a great many things, but I am now on an errand that I do not know how to go about." After a little talk of this sort the proprietor of the store said: "Don't be afraid, I won't eat you; ask me anything you wish and I will answer to the best of my knowledge." "Well," says the owner of bugs, "I want to get a common louse." Thereupon the man behind the case answered by putting his hand to his hair and inquiring: "Which will it be—a gray, a black or a moss back?" and he quickly had some on the glass of his case. Covering them with his hand, he said: "You can have your choice for \$4.00 or the three for \$10.00."

But though he now had a chance to obtain what he wanted, the owner of bugs thought the price too high and started to argue about it, whereupon the owner of the little store gathered the three together, passed his hand over his head and remarked: "Very well, all I have to do is to put them back into stock."

The cut flower commission man is in an equally independent position today. The dealers, stand keepers and fakirs kick about the price, but the time has come when the commission man is fixed to hold stock, and his

answer is like that of the man under the three balls: "Put them back into stock."

COMMISSION BUG.

A CENSUS OF FLORICULTURE.

Washington, D. C.—Owing to the unusual intelligence of florists as a class, and the fact that the statistics of their business which the Census Office requires relate almost entirely to the year 1899, a plan has been formed for taking an early census of floriculture by mail, on special schedules, and to tabulate and publish the returns thereof early, while other branches of the great work of enumeration are in progress.

There are approximately 10,500 florists in the United States. The names and addresses of a majority of them have been secured and classified by the Division of Agriculture in the Census Office, and each known proprietor will soon receive a copy of the special schedule devoted to this interest. It will be accompanied by a list (so far as ascertained) of all the florists in his section, to be by him corrected, added to and returned to the department for use in making the record complete and reliable.

This special schedule is not elaborate or complicated. It may be filled out easily and quickly by any florist who keeps a reasonably accurate run of his business. It asks for the (1899) acreage devoted to floriculture and of each crop or variety of plants and flowers; the total area in square feet under glass and the area of each crop or variety of flower or plant raised thereunder; the number of persons employed and the total wages paid to them; the amount expended for catalogues, postage, and fertilizers respectively, and the gross receipts from the sales in each subdivision of the business.

No private individuals will be permitted to have access to the schedules after they have been filled out and returned, nor will the names of persons or firms giving information be published in the census report. Figures only will be used and published, and the entire process and record of gathering information will be confidential.

As the law requires the regular enumerators to obtain certain information as to tenure, value, etc., during their visits in June, the next census of floriculture, if the florists themselves shall be prompt and conscientious in filling out and returning the special schedules soon to be sent to them, will be the most perfect in history.

They will be put to no expense, as the necessary stationery, with envelopes properly franked, will be provided for their use.

KANSAS CITY, MO.

From all reports Christmas trade was about 35 per cent. better than last year. Newell, the popular Twelfth

street florist, reports the best trade he ever had. In fact all the florists are well satisfied with last year's business.

Stock is still scarce, owing to roses and carnations being off crop. Violets have been very scarce and affected with spot, but are now coming in better. Harrisii lilies are beginning to appear.

H. J. Millat, who has been manager of Geo. M. Kellogg's store, has resigned his position. The last seen of him by your correspondent he had on his war paint and was headed for South Africa.

UNION.

BURPEE'S FARM ANNUAL FOR 1900.

This popular catalogue is more attractive than ever, in a particularly dainty cover for 1900. Nasturtiums, new sweet peas and the famous "Rocky Ford," or Burpee's Netted Gem Melons are shown in colors, painted from nature, while the book is full of illustrations from photographs. Of particular interest is the new feature for 1900 of giving "plain talks" as to the relative value for different purposes of all varieties of vegetables. Another interesting feature is the remarkable record of prizes won by the products of Burpee's seeds at leading state fairs in 1899. "New Creations" of intrinsic merit are offered in both vegetables and flowers. Altogether the catalogue shows most painstaking care in the effort to "tell the plain truth about seeds" as proved at Fordhook Farms,—the largest trial grounds in America. It will be mailed free to any of our readers who mention this paper, when writing to the publishers, W. Atlee Burpee & Co., Philadelphia, Pa.

NEW YELLOW CARNATION.

A committee of the Monmouth County Horticultural Society has made the following report on carnation seedling No. 11, grown by N. Butterbach, gardener to Hon. C. N. Bliss, Oceanic, N. J.:

Color, a beautiful deep yellow, slightly blotched and pencilled with a red orange shading to white. The flowers are full and double, measuring from 2½ to 3 inches, with large broad petals, the upper part twisted, which gives the flower a very heavy appearance. The plants are vigorous and bloom continuously, much the habit of Maceo, with good, strong stems measuring from 16 to 20 inches, and a good calyx. This we consider to be the grandest of all yellow carnations for winter blooming and a valuable addition, as we have long felt the want of a good yellow carnation.

(Signed:)

WELLINGTON KENNEDY,
THOMAS McINTOSH,
HUGH BIRCH,

Committee.

EVANSVILLE, IND.—The building occupied by Taylor & Angel, who handle seeds largely, was destroyed by fire the night of January 11. Loss estimated at \$8,000, with insurance of \$5,000. The adjoining building was used as a storeroom by John Hubbard, the seedsman, who had a large amount of grass seed there. His loss was about \$1,500, fully covered by insurance.

THE FLORISTS' REVIEW

G. L. GRANT, EDITOR AND MANAGER.

PUBLISHED EVERY THURSDAY BY

THE FLORISTS' PUBLISHING CO.

520-535 Carlton Building, Chicago.

334 Dearborn Street.

Subscription, \$1.00 a year. To Europe, \$2.00. Subscriptions accepted from those in the trade only.

Advertising rates: Per inch, \$1.00; 1/2 page, \$13.50; full page, \$27.00. Discounts: 6 times, 5 per cent; 12 times, 10 per cent; 25 times, 20 per cent; 52 times, 30 per cent. Discounts allowed only on consecutive insertions. Only strictly trade advertising accepted. Advertisements must reach us by Tuesday to insure insertion in the issue of the following Thursday.

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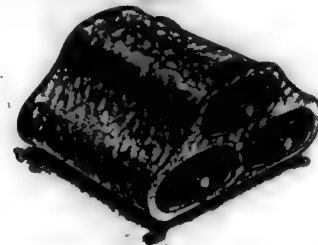
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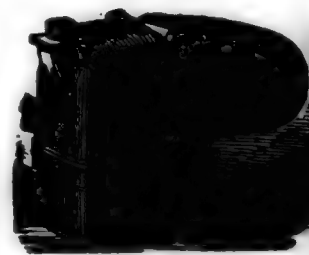
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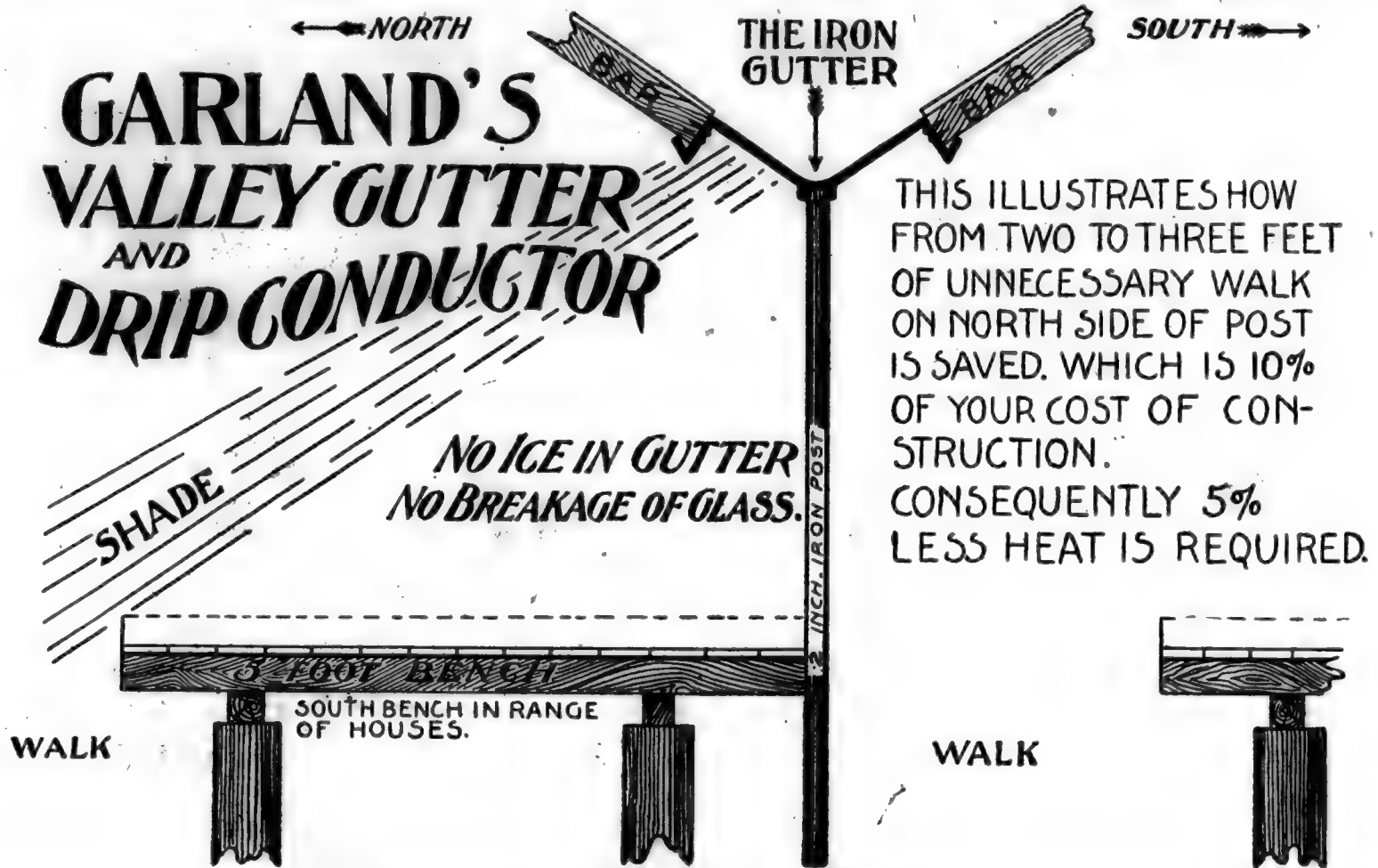
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RACINE, WIS.—Wm. Drinkwater, who opened a florist's store here about Thanksgiving, has disappeared and it is alleged that numerous creditors are anxious to learn his present whereabouts.

LOS ANGELES, CAL.—The committee of the Chamber of Commerce appointed to secure the establishment here of a national botanical garden has recommended the leasing of Griffith Park by the government for the purpose.

SYRACUSE, N. Y.—The Central New York Horticultural Society gave a complimentary entertainment to members and friends the evening of Jan. 12. The program included a paper on rose culture by R. S. Bard, popular readings and some numbers on the graphophone.

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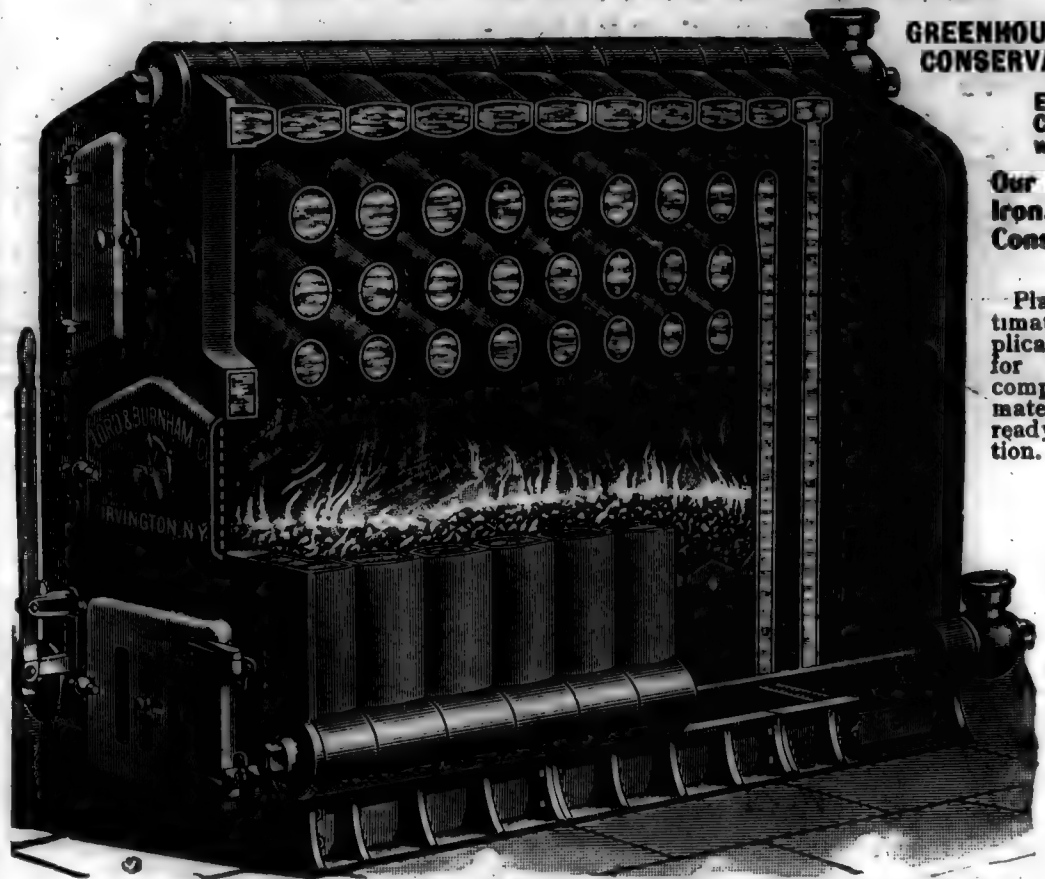
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Vol. V.

CHICAGO AND NEW YORK, FEBRUARY 1, 1900.

No. 114.

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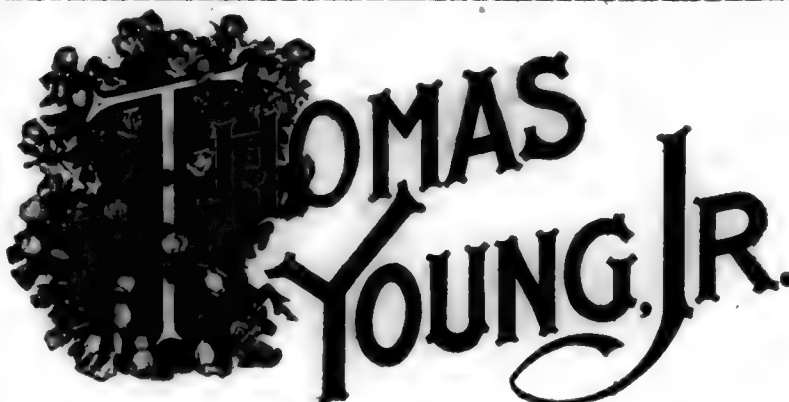
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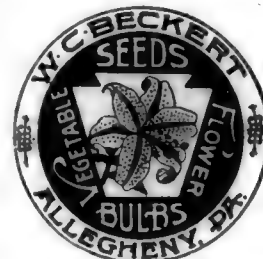
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Funeral Flowers.

The use of colored flowers at funerals is much more general now than in the past, but that fact does not make them any more appropriate. The rules of art may be hampered by poverty, but they also stand firm through the fads of fashion. In the earliest ages sprigs of green, then palm leaves, and afterwards flowers were used to decorate the casket or tomb of the dead. Most of the races seem to have adopted distinct customs of their own, yet as the world grew older and humanity spread, even to the remotest parts, and in savage forms, Mother Nature inspired human nature to express its sublimest thoughts by the use of flowers. It is only the cynic of the nineteenth century (the most acutely affected of the tribe) who will attempt to deny that sentiment, in one form or another, influences the lives of all and guides the destiny of nations.

Flowers have always been considered the very ablest exponents of that language of the soul, so we find that in the numerous growths in the advancement of civilization there also sprang up a language of flowers. In Japan today it is customary to express most wishes by the use of flower and shrub. In all the nations of Europe at one time or another, the same custom prevailed, and if you will take the trouble to investigate, the history of savage races will tell you many curious things relating to the influence and uses of flowers. The present age is not entitled to the credit of originating many things which are beautiful, it has only intensified beauty by a higher intelligence. When we speak for the great American republic, can we not claim to be conversant with the growth of refinement? The florists' business furnishes one of the best demonstrations of how far ahead we are.

We have a language of flowers here, but it is an unwritten one, to be sure. Violets in America convey the same message as violets in France, and a red rose typifies love all the world over. In the countries where flowers are scarce the language and laws of art are subservient to material. In

this country we have gradually molded the various tastes into more refined models, and a wealth of supplies enables us to carry out our wishes, but we are continually struggling against the craze for novelty when that craze ignores all refinement. It is no wonder we see so many "Please omit flowers" at the end of death notices, for the galaxy of colors often seen in funeral floral designs would remind one more of some festive occasion.

Bright colors have always and will continue to represent the lighter and cheerful moods, and they are not appropriate for funerals. A great many florists will use up any kind of flowers they may happen to have in stock, but the things they thus manufacture do not stand for what is right and proper, it is merely an instance of mercenary motives. We can never agree with the idea that Bridesmaid roses, or deep pink carnations, or red chrysanthemums, or any flowers of similar colors are suitable for funerals. Crimson roses may be excepted because they have a meaning no other flowers have. The death chamber is no place for a riot of colors, the desire to send something different to anybody else should not offer an excuse to outrage good taste. When we see bunches of American Beauty roses tied with purple, pink or green ribbon, and sent as a token of respect to the dead, we look upon it as an insult to art, and those responsible ignorant. White has always been, and despite the low fads, will remain the most expressive color to use in funeral flowers. Lavender, violet and delicate shades of pink are permissible; for instance, for aged people, violets; young girls, very light pink, such as Carnot or Golden Gate roses; men, crimson roses; ivy or palm leaves are proper for the aged, so are purple pansies; then there are the various clusters of colors to emphasize the meaning of special designs, but as we have stated before the mad desire to be distinct is responsible for many crimes.

If there is any form of decoration that calls for more quietness and refinement of treatment than another, it is that of the funeral. Deep pink, orange, scarlet, carmine and glaring col-

ors are out of place, and the florist should be the last to propose their use. To wear any kind of flowers at a funeral is the very worst taste, just a sprig of boxwood, cypress or bay is all that should ever be carried, and that in the right hand.

Seasonable Flowers—Their Uses.

White lilac has been on the New York market some weeks now and much of it is very good; it retails at from \$1.50 to \$2.50 per bunch; it is being used for bridal bouquets, table decorations and in boxes of the very choicest cut flowers. When used for table, etc., it is best to have a few red or pink roses in a cluster at one side; the long sprays are very pretty with Beauty or any large rose. Wreath of white lilac and cluster of cattleyas makes one of the finest designs.

Some freesias are coming in extra fine just now; they have long stems and the foliage is good; it is a popular flower for many forms of decoration this season; a bunch of it should go in every large box of cut flowers. Freesia Leichtlinii major, the yellow variety, is very pretty with jonquils as a table decoration; the white comes in very acceptably for finger-bowl sprays; don't bunch them—two or three sprays and a leaf on the off side of the bowl is the proper thing.

Tulips, of course, are in and are being used for cheap spring flower table work. These flowers are specially suitable for breakfasts or luncheons. Flat baskets or very low dishes are the only things in which you can properly arrange them; keep your colors separate. At tulip dinners ice cream is usually served in one of the flowers. The lamp shades are tulip shape; they form the finger-bowls, and if fairy electric lights are used they can be stuck inside the flowers; in fact, everything is in a tulip, even the guest card in one alongside the plate; this flower tied with a three-looped bow of baby ribbon can also be worn.

Almost all the florists' store windows have displays of azaleas, and in addition to these being poor in quality, the vast majority of them are badly arranged; they are placed with the nicety of a crazy patch quilt; a grouping of colors would show better results.

Quite a few varieties of yellow narcissus can be had and most of them are beautiful; they are especially suitable for luncheons and teas; use a green Japanese or Venetian vase; their own foliage will supply the best green; these flowers must be arranged loosely and at irregular heights to appear at their prettiest.

Begonia Glory of Lorraine, if in good condition, makes up grandly for table decoration; the color is very beautiful under artificial light; need not take it out of the pots; use a saucer-like dish and tilt the plants; nothing should be seen but its own foliage and flower.

Last week New Haven was violet mad. The students at Yale had their annual festivities, and the violet be-

ing the nearest approach to the college color, they were the most popular flower; we hear that some of the students tried to corner the market and that the local florists in that town had to combine to defeat the scheme, which they appear to have done successfully.

Robert Crawford, of Philadelphia, is the first to adopt the automobile for delivery of flowers. These vehicles are

admirably suited for florists' work, because they don't shake the flowers so much, but we were just thinking what would some of our florists be without their retinue of colored folks, even if slavery be a thing of the past (which we are inclined to doubt). It looks influential to have lots of negroes on top of your wagon.

IVERA.

MISCELLANEOUS SEASONABLE HINTS.

There is always a noticeable shortening of work during the month of February in establishments where there is a general collection grown. January has cleaned up what shifting can be done in midwinter, and the moving and preparation of our prospective Easter crops is largely the work. In some seasons of the year, notably spring, a walk through the houses brings to view fifty jobs that are imperative. "By golly, we must get at that." "But look here, boss; this stuff wants it worse." "Yes, I know, but did you do so-and-so yesterday? No? Oh, Lord! you will have to get at that."

A man that does not fret and stew a little and can look complacently on and see a batch of stuff spoiling, with the excuse that "we really had not time," is to be envied for his physical and mental comfort; but such a disposition is apt to be sluggish and sleepy, and under the sway of such a mind too many things are neglected. The other extreme, and the writer inclines to the latter, is the man who sees the ten imperative jobs at once, and in his mind is doing them all at once. That state of mind will soon bring on paresis, or worse. Do the most necessary first and, when completed, it will be one off the programme, and don't, if possible, fret and stew about any job till you can get at it. All of which is easier to preach than to practice, and just now you will have the time to attend to things that don't cry aloud for help, but that are necessary all the same.

Palms.

It is a good time to go over all your palms and thoroughly clean them. Mealy bug, brown and white scale will appear. A sponge and the kerosene emulsion, or, if you don't want to bother with the emulsion, warm water. A good addition of soft soap and some Nikoteen; the latter, not more than one part to 200 parts of water, will take off every pest if faithfully

sponged. This takes time, but if you will look at it in the business way it is but a trifle of expense on each plant—so trifling that you have added to the health and appearance of the plant four times the cost of the labor.

Young palms can be shifted now, when they actually need it. Most palms thrive in comparatively small pots, but fast growing young stock will require a shift, which never should be a large one. A good loam with a fourth of well-rotted animal manure and some bone meal (a pound to a bushel of soil will do well) is a good mixture. Pot firmly and be careful not to put the base of the stem below the surface of the soil. I have seen grievous mistakes made by putting the stems of young palms down in the soil an inch or so; this is particularly true of the most valuable of all palms, the Kentias.

Palms that you are using for decorations, either large or medium, can be cleaned and sponged, but don't disturb their roots; after winter festivities are over will do for them.

Orchids.

If you grow any of the commercial orchids, now is a good time to give them a good overhauling. If carefully done, cleaning and surfacing can be done at any time, as you do not rob them of any roots, but merely supply fresher and cleaner material as a medium for their roots to rest on or among. The ideal time to resurface an orchid would be during its resting time just before it starts to grow; hence *Cattleya labiata* would now be in just that condition; but *C. Trianae* or any of this tribe can also now be done. *C. Mossiae* would be better attended to in the early fall. *Laelia anceps* should also be now cleaned and surfaced.

Good fibrous peat and fresh live sphagnum are the materials. It is a pretty good rule that when the sphagnum is seen to be fresh and green on

the surface of our orchid pots that the roots also will be thriving. When handling the cattleyas for resurfacing look out for the small white scale that is so troublesome on the base of the bulbs. The white filmy covering at bottom of bulb is a favorite place for the scale to make a settlement; remove it and thoroughly clean off all scales. Some growers use a solution of fir tree oil and some good growers use simply warm water. The scales stick tightly, but must be removed or the ravages of the scale will destroy the bulb, it first turning yellow and then black.

When resting, those orchids that have thick bulbs should be kept on the dry side, but by no means shriveled up; and when they start to grow increase the moisture. Above all, cleanliness has much to do with the successful cultivation of these magnificent plants. No decayed growths or rotten or decayed moss should ever be allowed on them. A good, pure atmosphere is a great essential, but ventilation in our northern greenhouses is almost out of the question, perhaps for weeks at a time; and light is also a great factor. Orchids, except perhaps the odontoglossums, do not want a dark north side house. The cattleyas and laelias would thrive almost under the glare of our July suns if the glass were of the quality that would not burn.

That pretty low-growing orchid, the coelogyne, is now coming into flower. They are very durable and if removed to a cool house and the bulbs lightly sprayed occasionally, the flower will last five or six weeks. After they are done flowering is the best time to shift or divide the masses of bulbs. They soon get very crowded. Be careful of drip or spraying of water on the flowers or it will spot them.

That florist's orchid, subdued and modest as are the colors, *Cypripedium insigne*, will soon be growing. See that they have good, clean, live sphagnum on the surface, a temperature of 55 to 60 degrees, and at present the fullest light.

We are in too small a way with these fantastic but gorgeous flowers to say much about the profitability of them, but can say that with a few dozen spikes a week our supply has been much behind the demand. When once a person gets into the way of buying orchids, he sticks to it and constantly asks for them. In a local pictorial paper a fine picture of Joe Chamberlain shows him with eyeglass (he is shortsighted in the right eye), and in his coat the habitual orchid, which looks like *Odontoglossum crispum*. His friend, Oom Paul, don't patronize orchids; he wears a spray of *Erica Cavendishii* *Spionkopli*.

WM. SCOTT.

CHRYSANTHEMUMS IN THE SOUTH.

The accompanying picture illustrates the way in which Mr. Chris Holst grows chrysanthemums which are the



Chrysanthemums in New Orleans.

pride of the Crescent City. They are all seedlings of his own raising. The last blooms were cut at New Year's, and, as evidence of their quality, an average price of \$3 per dozen was obtained.

In the picture the successful proprietor is seen on the left, and his able assistant standing among the plants, with looks of mutual admiration upon their faces. One of the varieties is a lovely white seedling with a local name of the "Crescent." M.

SOCIETY OF AMERICAN FLORISTS.

Executive Committee Meeting.

The Executive Committee at its recent session in New York City approved the selection of the Grand Central Palace as headquarters for the convention and exhibition of 1900 and endorsed the selection of J. P. Cleary as manager of the trade exhibition. On being notified by the New York Florists' Club that it was their intention to present a grand horticultural exhibition at the time of the convention, under the immediate supervision of the private gardeners, it was voted that twelve silver and twelve bronze medals of the S. A. F. be specially appropriated for the use of the N. Y. Florists' Club in this enterprise. A subcommittee was also appointed to arrange for the award of special S. A. F. medals at the exhibition of certain affiliated national organizations and leading horticultural societies.

It was decided that Prof. L. C. Elson, of Boston, and Dr. N. L. Britton, of New York, be invited to deliver lectures before the society at the coming

convention. Other features of the convention program, as arranged, are a president's reception, a paper on greenhouse construction from the open land to the finished structure, an illustrated talk on floral decorations, a discussion on the S. A. F. and its future welfare, and special talks on rose and carnation subjects to be selected and presented under the auspices of the Rose and Carnation Societies, respectively. It is expected that the afternoon and evening of the third day will be devoted to an excursion, on invitation of the New York Florists' Club, and that the fourth day will be assigned exclusively for sporting and entertainment features, with the possibility that some of the sporting features may be incorporated with the excursion of the third day.

Much of the committee's time was taken up with a very thorough discussion of the important matter referred to it by the last convention, viz., the establishment of a co-operative purchase corporation. President Wood, who has given much thought to this matter, presented a complete scheme for incorporation on the lines advocated by him at the Detroit meeting, but finally, owing to the somewhat indefinite character of the society's vote, under which the committee were unwilling to assume a larger responsibility, it was decided to continue for the present the old plan of a purchasing committee, who shall purchase for cash for any member of the society, lumber, coal, glass, iron pipe, hose, oil and leads as may be required, but charging hereafter a small percentage on each transaction toward defraying the expenses of the necessary clerical

assistance, the lack of which has greatly hampered the work of this department in the past.

The treasurer's report, as presented, showed that the life membership fund now amounts to over \$600, and that the general fund in treasury made a net increase of about \$450 for the past year. It was voted that hereafter the treasurer present a supplementary report, for information of the society, at each convention, covering the period between January 1st and the time of the convention. It was decided to discontinue the nomenclature committee and to assign the duties of that committee to the registration department of the secretary's office and a botanist, Dr. N. L. Britton was then appointed as botanist to the society, and Prof. L. O. Howard was reappointed as entomologist.

The fertilizer committee was reorganized by the addition of W. N. Rudd to its membership and the appointment of C. W. Ward as chairman, and the necessary appropriations were made for the needs of this committee and the legislative committee.

A special subcommittee was appointed to report at the convention on the advisability of the incorporation of the society under the laws of some state; also a special subcommittee to consider the recommendation of President Wood relative to the securing of a permanent home for the society.

President P. O'Mara, of the New York Florists' Club, and Messrs. W. J. Palmer, of Buffalo, and Geo. A. Rackham, of Detroit, were present at most of the sessions and rendered valuable assistance to the committee.

The report of the committee on final resolutions extended grateful recognition of the hospitality of the New York Florists' Club and Mr. and Mrs. C. W. Ward, and thanked the press for courtesies extended.

WM. J. STEWART, Secretary.

THE AMERICAN ROSE SOCIETY.

A meeting of the Executive Committee was held in New York on Saturday, the 27th of January, when the arrangements for the approaching show on March 27, 28 and 29 were nearly completed. It has been decided, in order to make the work of the society more substantial, that a bulletin shall be issued containing notes of the society's doings and of progress with roses. This will be sent free to every member of the society, but will not otherwise be available.

The number of premiums for the March show continues to grow in a most satisfactory manner and there is every encouragement offered to growers in all parts to compete. The gold and silver medals given by the New York Florists' Club are offered for the best 100 roses in four varieties from growers residing outside a radius of 150 miles from New York City as measured by the distances shown on the railroad time tables. This should

insure a representative competition from growers distant from New York, and will place their competition on an even basis.

LEONARD BARRON, Sec'y.

NEW YORK.

Trade Conditions.

This is supposed to be the busiest time of the year. Certain it is there are innumerable balls, dinners, etc., and though there appear many newspaper decorations still we hear of very few being overruled with business. Cold weather has shortened some crops and good prices are obtainable for high grade stock. Nothing specially new is seen on the market or in the stores with the exception of some artificial roses in a Broadway florist's window. The Bowery may have a poor reputation, but it was never guilty of a thing like that, and yet some fellows out in Kankakee think there's no place like Broadway.

Death of J. M. Hodgson.

John M. Hodgson, one of the oldest florists in this city, died Wednesday night, January 24th, from a stroke of apoplexy, at his home, 30 West Fifty-ninth street.

Mr. Hodgson was born in Durham, England, 73 years ago. In 1862 he went to the front as a member of the Ninth New Jersey and was a corporal in that regiment when honorably discharged at the close of the war.

Like many more of our best florists he started lowly and rose to the top. It was over in Englewood, N. J., that we first find him making rustic wood garden embellishments. In 1868 he hired the rear of John Henderson's store, between Nineteenth and Twentieth streets on Broadway, and there sold his hanging baskets and rustic vases. About 1870 he moved to the old mansion then standing on the block at Thirty-seventh street and Fifth avenue, built a small and wonderful greenhouse there and spread his woodwork on the lawn in front. From there he moved into what was then a very large store at Forty-fifth street and Fifth avenue, remaining there for over twenty years. The large new store he recently opened at Fifty-sixth street and Fifth avenue, and which was illustrated a few weeks ago in the Review, is undoubtedly one of the finest florist's stores to be seen anywhere. Many years ago he opened an extensive place at Newport, R. I.

His trade was among the old wealthy families of New York. His wife died in 1895; three daughters and a son remain. His sons-in-law, R. Merritt and A. Spalding, have for many years managed his extensive business, and it is thought will continue to do so under the old firm name. Many old time florists attended the services on Saturday morning. The interment took place at Newport, R. I., on Sunday.

Committee Meetings.

The committee having charge of the horticultural exhibit in connection with the S. A. F. convention met at the Grand Central Palace, January 29. A. Herrington was elected permanent chairman of the committee, Mr. Butterbach declining to serve, as he expects to visit the Paris exhibition in early summer. The preliminary list of classes was arranged, this will be submitted to the club at the next meeting, and it is expected the list will be sent out the first week in March. In addition to money prizes and S. A. F. gold medals, the Florists' Clubs will offer 50 silver and 50 bronze medals to be competed for in this section of the show.

The committee of the American Rose Society will meet at 119 West Twenty-third street, 2 p. m., February 3rd, to complete arrangements for the rose show at the Eden Musee in March.

Bowling.

A tournament has been arranged between the New York, Flatbush and Hoboken florists' bowling clubs and the first match games will be rolled at Heflich's assembly rooms, Paterson and Summit avenues, Hoboken, N. J., on Wednesday evening, February 7th. Several old scores are to be wiped out on this occasion, and altogether a warm time is looked for. It is unfortunate for many that the Poughkeepsie dinner also occurs on the same date. Following scores were made on the New York alleys, January 29th:

	1st.	2d	3d.
T. Lang	171	198	129
T. Rochrs	133	127	148
H. Bunyard	114	149	76
J. Taylor	92	85	83
W. Siebrecht	92	130	112
E. Steffens	111	114	117
G. Brown	139	121	199
A. Burns	117	123	167
F. Traendly	120	119	119
L. Hafner	148	105	111
J. Manda	156	111	111
A. Schultheis	155	132	132
W. Stewart	125	102	102
C. Elliott	133	114	114
A. Shaw	85	108	108
J. Donlan .....	...	145	145

J. I. D.

AMONG MADISON GROWERS.

One day recently the representative of The Florists' Review roamed among the rose growers of Madison, N. J. This is a delightful section of the country, a scattering town of 5,000 inhabitants (two wretched so-called restaurants), distance 25 miles from New York. The place is famous for its rose culture, there being over a million square feet of glass devoted to that branch of floriculture. There are over fifty separate rose growing establishments, which are dotted over an area of three or four square miles, and would require several days to visit and study. On this occasion we had but half the day and could but see the few.

Henry Heintz, Jr., has one of the finest sets of rose houses we have seen. Everything is as compact, warm, and clean as a ball room, and

the stock grown here is among the very finest sent to the New York market. A model potting shed 350 feet long runs the entire length of the range and underneath are the boiler and storage rooms. There are nine houses and 34,000 square feet of glass; seven houses are planted with Beauties in the center benches, Maids and Brides on the sides, and two houses with Bridesmaids. They are a picture, and if you are interested in rose culture, are well worth seeing.

Jas. E. Milton, the modest but thoroughly efficient manager, deserves great credit for what he has done and the condition of his place. Mr. Milton managed to have a crop of fine Beauties in for Christmas, and altogether it has been a very successful season. In speaking of two-year-old Bridesmaids, his experience was that young stock gave them finer blooms and there was very little difference in ultimate results.

Elwood Brant has leased James Slaughter's old place, which consists of 44,000 square feet of glass. Beauties, Maids, and Brides are grown here, and Mr. Brant has been very successful, especially with Beauties.

At Marmaduke Tilden's, genial M. McNulty has everything in fine condition. This place has about 20,000 feet of glass. Here also there was an immense crop of Beauties in for Christmas, and everything shows great promise.

There is but a 25-foot road dividing the places of L. A. and L. M. Noe. The former has 45,000 square feet of glass, and a new house is being built by Lord & Burnham. Jos. Ruzicka is foreman here and deserves credit for the condition and results of his Beauties; 400 extra grade blooms had been cut that day ready for shipment. He will soon have a good crop of Meteors. The Brides and Maids have been badly attacked with eel-worm.

L. M. Noe's place consists of some 50,000 feet of glass. Here also a new house has just been finished by Lord & Burnham. Ed Laesser is in charge here, and Meteors have been very fine with him this season.

There is a good deal of the same thing to be seen in every place in Madison. Crops promise to be good from now on till after Easter. American Beauties at \$1.50 each is the Madison rose grower's ideal.

We notice that a few of the places employ cheap Italian labor, and their stock shows it. One cannot expect blood from a stone, and the attempt to disregard intelligence usually ends disastrously. Good rose soil is becoming scarcer every year in this section; many of the smaller growers even now have to purchase their turf dearly. It is possible that carnations and violets will take the place now occupied by roses in many a house in this section. D. Shannon reports fair success with his house of violets this season.

We hope to be able to visit others out there before long.

J. I. DONLAN.

NEPHROLEPIS WITTBOLDII.

We present herewith an engraving from a photograph of this splendid new fern that originated with the Geo. Wittbold Co., Chicago. After having watched this new fern for a year or more, we are convinced that it will take a high position among commercial ferns. It possesses all the desirable characteristics of the Boston fern and is decidedly more ornamental. As will be noted by a glance at the second picture, in which a frond of the Boston fern and *N. Wittboldii* are photographed side by side, the new fern has a frond much broader than the other and the undulation of the margins of the pinnae add very much to its beauty.

The past year's experience has proven that it is as tough as the Boston fern, grows as rapidly, and can be as quickly increased, a point of very great importance in a commercial fern. It was found among some small plants of the Boston fern, but seems to be an entirely distinct species.

BUFFALO.

Business has been only fairly good, and spotty, not continuous all along the line. Carnations are now plentiful and so are violets. Very fine roses are coming from George Fancourt and other quarters.

It is just worth mentioning that the agreement into which we all entered in December and which was given good

*N. Bostoniensis.**N. Wittboldii.**Nephrolepis Wittboldii.*

and conspicuous notice in the daily papers, had precisely the desired effect and met with the admiration of other lines of business. Not a beggar have we had since, and although the volume of business done is not so much, there is just as much change in the till.

Next to being at the wonderful New York banquet was the pleasure of interviewing Messrs. Rudd, Cowell and Palmer on their return. It must have been a dandy. Our Buffalo man, Cowell, absented himself, we are told, and the reason was he had left his full dress suit at home. What a pity. He

really looks better in a good business suit. Claw hammer coats look best accompanied by an extremely bald head. Mr. Rudd's subtle and impressionable intellectuality seemed indented with that southern story of darky hospitality and grateful reciprocity which we further retailed at a business men's smoker on the following day, and its recitation was appreciated by the rector of our parish. Thank you, Mr. Carmody.

In company with Mr. Henry Wise, of East Aurora; W. J. Kasting and W. J. Palmer, Jr., we visited last week the houses of Palmer & Son, at Lancaster. Their dozen houses of carnations are in splendid form, stems and flowers of the finest quality. White Cloud, Flora Hill, Daybreak, Bradt, Joost, Jubilee, are the leading varieties grown, but besides these there are two varieties that the firm hold in the highest estimation; these are two sports of Daybreak, one a grand white and the other a pink, not so dark as Victor. Mr. Palmer grows his carnations in a heavy clay loam, and this seems the stuff to produce a great stem and substance in the flower. The roses are looking well, but the Beauties are rather shy of bloom. Princess of Wales violet is here largely grown and the firm says they sell well. In a long violet house the plants in a solid bed are fairly good, while those grown in the Balsley bottomless violet pot are no good; this is strange, as we hear

very different results from some sources.

The club held a good meeting last week and the president appointed three committees, composed of the most active members: On arrangements, J. F. Cowell, chairman; on entertainments, W. F. Kasting, chairman; and on reception, W. Scott, chairman. The hall selected for the exhibition is very near, in fact next door, to the Genesee hotel, which will be naturally headquarters, and the Colonial parlors is a fine place for Mr. Will Craig to say: "Gentlemen, please come to order." Anyone wishing to secure rooms at the Genesee might as well do it in advance and can either write to the hotel or send their order to W. F. Kasting or William Scott.

Mr. Michael Bloy, who began his gardening career with W. S. many years ago, is leaving Buffalo to fill the position of foreman at the park greenhouses, Denver, Col. "Mike" has the respect and best wishes of all who ever came in contact with him, for his conduct demands it; his field of action being always circumscribed, he has never had a full field for his energies, but being a natural born gardener we shall be surprised if he doesn't now make his mark.

Very blustery, wintry weather has come and the drummers have begun. Mr. Joe Rolker was first and then in came the veteran J. Barclay, of Chicago, whose description of Inverness, Gaelic sermons, bare legs and porridge is very entertaining as well as instructive. W. S.

BOSTON.

Transvaal conditions still ensue here. The salesmen were not only obliged to retreat, but in many cases to surrender unconditionally. And the veldt is strewn with debris of battle, being mostly good roses and second-class carnations. The greatest rout took place at the end of last week, when pink growers asked for mercy and took what they could get gratefully. This (Monday) morning there is a tendency to scarcity in everything, especially on good customers. But there is a couple more Tugelas for the buyers to cross in order to gain the winter's campaign. We are going to call out all the reserves for Easter and Memorial day.

Our W. H. Elliott expects an onslaught in coming campaigns, evidently, and contemplates heavy additions to the glass fortifications on the slope of his kopje out at Brighton. Most of the addition will be concealed by the peculiar vine under which Mr. Elliott so likes to recline while indulging in reveries for the future and recriminations of the past.

Presumably the charges made by Chief Gunner Hutson will offset any advances made by the enemy.

W. S. Wilson, at Burnside Conservatories, Wellesley, is to add two 150-foot houses to his plant next summer. This winter's output goes to show that good use will be made of it.

The Carnation Society meets February 15. Those planning to sing "Put Me Off at Buffalo" on that day can have it done at less expense by communicating with Wm. Nicholson, of South Framingham, who has promised of low rates to that place for the occasion. B. T.

ST. LOUIS.

The Market.

There has been a big demand for roses and carnations during the past week. Receipts continue light and the retailers are hustling around to secure enough stock to fill orders. All growers report a light crop and have hopes that the bright weather which we are now having will produce a better cut for the coming week.

Good roses are selling well and the demand for all kinds of flowers bids fair to continue brisk until Lent.

The condition of the rose market is due, undoubtedly, more to the smallness of the crop generally than to any special increase in the consumption.

Brides, Meteors and Maids of the first grade sell as high as \$8 per 100; Perles and Woottons from \$4 to \$5. Ammann's Perles and Meteors are in great demand. Carnations are not overplentiful and the demand is great. Scotts and Daybreaks are at their best and bring \$2 and \$2.50. All white, which sells well for funeral work, has been plentiful the past week. Scarlets have a good call, but choice stock is scarce. The Kirkwood florists are sending in fine blooms, which sell well. This place is also a great center for California violets. The Ude family send in about the best. Quite a lot of them were sold the past week for 40 cents per 100. Later in the week they went up to 50 and 60 cents. Small singles sold at 20 cents per 100. Bulbous stock seems quite scarce and Romans and paper whites went up \$3 for the best; seconds, \$2. Good valley brings \$4 and is very fine. Callas bring \$10 and good Harrisii \$12.50; a few short stemmed tulips were seen, but too short to bring much; smilax still plentiful but in little demand.

Shipping trade at the wholesale houses is good and quite a lot of shipments were made during the past week.

Notes.

The meeting of the Florists' Club will be held on the afternoon of Feb. 8, at 3 p. m. A lot of very important business is to be transacted at this meeting that will require a full attendance. The final report of the exhibition committee will be read; the euchre committee will have the tickets at the meeting for those who have none, and the question of "Shall we hold a show this year?" will be discussed. President Ammann says that he would like to see a large attendance, especially some of the old timers that have not been at a meeting for a long time.

The euchre, which takes place Feb. 23, is progressing nicely and some of the florists report that they have sold already quite a lot of tickets and have made a call for more, so the indications are that the euchre will be a great success.

R. F. Tesson reports that they, Ellison & Tesson, have been very busy the past week with lunches and decorations, and Mrs. Ayers reports plenty of funeral work.

Jos. F. Dickman, the seedsman, reports that the seed business is beginning to look bright, with plenty of orders for seeds and bulbs to fill when the season opens, which is not far off.

Ostertag Bros. report that their business in prepared palms has increased greatly. Cut flower trade with them has also been good.

Fred Ammann's prize Perle plants are selling fast, and they should, as they are the best I have seen for some time.

Kuehn and Berning both report that they never saw the market so scarce as the past week. They sell out early in the morning and after the orders are filled nothing is left but a little rubbish.

Bowling.

The cold weather on Monday night kept many away from the alleys and only five regulars braved the cold and rolled five games. A few good scores were made. This ends the January series of fifteen games. Charlie Kuehn is high man with an average of 156 per game. Mr. Kuehn also made the highest single score during the month. Kunz came in second and Beneke third. The scores and averages are as follows:

	1st	2d	3d	4th	5th	Tot.	Av.
C. A. Kuehn	144	141	159	135	155	734	147
J. W. Kunz	183	130	145	158	125	731	146
J. J. Beneke	143	145	144	127	164	723	145
C. C. Sanders	123	164	150	105	135	677	135
F. C. Weber	95	138	117	98	148	596	119

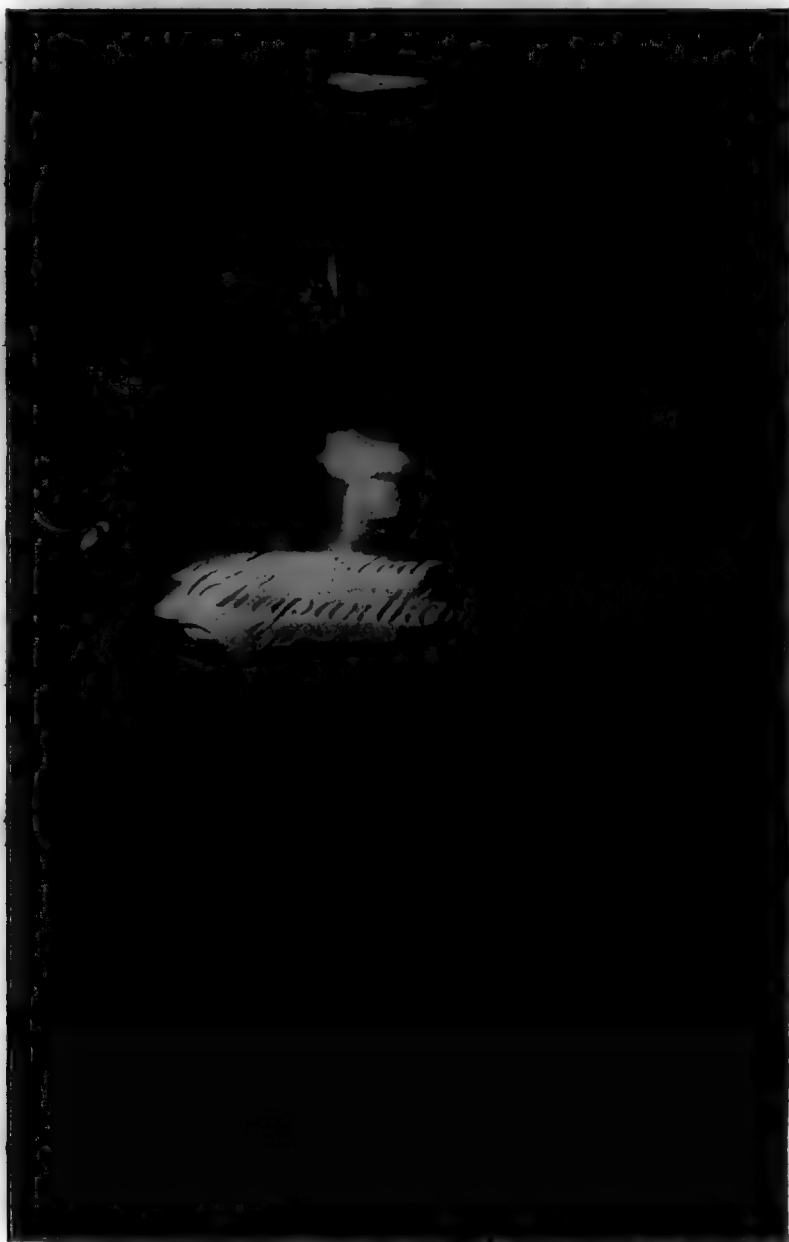
January Series.

	No.	G.	Total	Av.	H. S.
C. A. Kuhn.....	15		2345	156	189
J. W. Kunz	15		2239	149	183
J. Beneke	12		1696	142	164
C. Beyer	3		415	138	169
C. C. Sanders.....	10		1357	136	164
Emil Schray	10		1322	132	174
John Young	5		647	130	148
F. C. Weber	15		1875	125	156
F. J. Fillmore	6		605	101	113
				J. J. B.	

J. J. B.

BALTIMORE.

Last week things in the trade here brightened up very perceptibly. Flowers went off much better and, thanks to the bright sunshine and clear, fresh atmosphere, they were far better in color and form than during the muggy, warm and cloudy weather of the preceding fortnight. One class of vendors we have, like the poor, always with us—the street fakirs. Recently there has been noticed on our streets an innovation for this latitude—a portable glass box, from which the flowers are sold, and lately an addition has been made to this vociferous, not to say indus-



Silver Cup Awarded by the Chrysanthemum Society of America to Nathan Smith & Son, Adrian, Mich., for their seedling Goldmine, which scored the highest average for 1899.

trious colony which justifies anyone saying, with John Randolph of Roanoke, "The Greeks are at your doors!"

What is described as one of the most effective, as well as elaborate, room decorations seen in this city for several years was that at the Perin ball, at Lehmann's Hall, the author and finisher of which was Mr. William J. Halliday. It is needless to say that, as with all of that blood, the taste for floral adornment is congenial with him, and that the materials in his hands assumed almost of themselves graceful forms and pictures of beauty. Smilax was used in such profusion that the effect was as though a tent of verdure canopied the dancing throng, whilst around the walls were stately palms, bay trees and blooming acacias. American Beauties, Bridesmaids, orchids and asparagus were used in profusion to bank the mantels and surround the mirrors, and the effect of the whole is said to have been charming and graceful.

Mr. Harry A. Parr, a gentleman identified with large business enterprises in this city, owning a handsome estate a few miles out in its suburbs, where he has already a large range of

glass houses, has determined to go into the production of cut flowers commercially, and is making preparations to build three houses, each 250 feet long, to grow American Beauty and other roses and carnations. His gardener, Mr. William Paul Binder, is well known as a successful producer of seedling chrysanthemums, and locally recognized as the most successful and extensive grower of mushrooms in this vicinity, his large house built especially for their growth being a sight to behold when the crop is in its best state.

The Golden Gate rose is growing into popular favor here, and on our fashionable promenades is now seen frequently worn by the fair Baltimoreans. Its delicious perfume, delicate coloring and long, stiff stems deserve this recognition, but until very lately it has not been a variety much known here, though in Washington it is one of the favorites of fashion.

It was found under our city's new charter that the plants for use in our public square would have to be bought, after advertising for proposals, so that now Mr. Charles L. Seybold, the new landscape gardener of the park board,

invites bids for supplying 190,000. Growers will have to furnish bonds to perform faithfully any contracts awarded them, and each bidder is required to deposit a certified check for 5 per cent of the amount of his bid.

It is ever found that on busy men new burdens are always laid. We notice by the daily prints that Mr. Edward A. Seidewitz, whom one might suppose would be kept busy with the care of his Lexington street store, his extensive nurseries at Annapolis, and the discharge of his public duties as mayor of that "ancient city," has now had put under his care the domestic animals of our state capital, and has been elected president of its Society for the Prevention of Cruelty to Animals! A few nights ago the Masonic lodge to which he belongs presented him with a costly past-master's jewel. He seems to be as popular as he is busy.

RIX.

PHILADELPHIA.

The Market.

Business has improved considerably the past week, especially the cut flower end of it; however, it is not up to the standard, or at least not what it should be at this time of year. Balls and parties have been quite numerous and there have been several large weddings the past week. Hugh Graham reports an exceptionally busy week, having had several large balls and two very large weddings.

Prices.

Beauties, \$1 to \$7.20 per doz.; Brides and Maids, \$3 to \$8, fancy \$10 to \$12; Kaiserin, Meteor and Golden Gate, \$3 to \$8; Gontiers, \$3 to \$4; Perles, \$3 to \$8; cattleyas, \$40 to \$80; cypripediums, \$15; dendrobiums, \$25; carnations, ordinary \$1, fancy \$1.50 to \$2, novelties \$3 to \$4 per 100; hyacinths, \$2 to \$4; valley, \$3 to \$4; narcissus, \$3 to \$4; tulips, \$4; violets, single 25 to 40 cents, double 50 cents to \$1; mignonette, \$2 to \$4; adiantum, \$1; asparagus, 50 cents; smilax, \$15; freesias, \$1 to \$4.

Notes.

W. H. Patton, formerly with J. J. Habermehl's Sons, has branched out for himself and opened a retail store at 1627 No. Twentieth street. The ladies' night on Wednesday evening was a decided success. The ladies were out in full force. The event opened at 8 p. m. with a concert, then came refreshments, and the balance of the evening was devoted to playing various games. All present report a pleasant evening.

The meeting of the Penna. Hort. Society on Tuesday last was well attended and there were quite a number of good exhibits.

C. W. Cox exhibited a new form of cyclamen. The plant is of a very compact habit, well flowered, and many of the blooms being feathered.

Adolphus Bingham, Camden, N. J., delivered an interesting address on

very different results from some sources.

The club held a good meeting last week and the president appointed three committees, composed of the most active members: On arrangements, J. F. Cowell, chairman; on entertainments, W. F. Kasting, chairman; and on reception, W. Scott, chairman. The hall selected for the exhibition is very near, in fact next door, to the Genesee hotel, which will be naturally headquarters, and the Colonial parlors is a fine place for Mr. Will Craig to say: "Gentlemen, please come to order." Anyone wishing to secure rooms at the Genesee might as well do it in advance and can either write to the hotel or send their order to W. F. Kasting or William Scott.

Mr. Michael Ploy, who began his gardening career with W. S. many years ago, is leaving Buffalo to fill the position of foreman at the park greenhouses, Denver, Col. "Mike" has the respect and best wishes of all who ever came in contact with him, for his conduct demands it, his field of action being always circumscribed, he has never had a full field for his energies, but being a natural born gardener we shall be surprised if he doesn't now make his mark.

Very blustery, wintry weather has come and the drummers have begun. Mr. Joe Rolker was first and then in came the veteran J. Barclay, of Chicago, whose description of Inverness, Gaelic sermons, bare legs and porridge is very entertaining as well as instructive.

W. S.

BOSTON.

Transvaal conditions still ensue here. The salesmen were not only obliged to retreat, but in many cases to surrender unconditionally. And the veldt is strewn with debris of battle, being mostly good roses and second-class carnations. The greatest rout took place at the end of last week, when pink growers asked for mercy and took what they could get gratefully. This (Monday) morning there is a tendency to scarcity in everything, especially on good customers. But there is a couple more Tugelas for the buyers to cross in order to gain the winter's campaign. We are going to call out all the reserves for Easter and Memorial day.

Our W. H. Elliott expects an onslaught in coming campaigns, evidently, and contemplates heavy additions to the glass fortifications on the slope of his kopje out at Brighton. Most of the addition will be concealed by the peculiar vine under which Mr. Elliott so likes to recline while indulging in reveries for the future and recriminations of the past.

Presumably the charges made by Chief Gunner Hutson will offset any advances made by the enemy.

W. S. Wilson, at Burnside Conservatories, Wellesley, is to add two 150-foot houses to his plant next summer. This winter's output goes to show that good use will be made of it.

The Carnation Society meets February 15. Those planning to sing "Put Me Off at Buffalo" on that day can have it done at less expense by communicating with Wm. Nicholson, of South Framingham, who has promises of low rates to that place for the occasion.

B. T.

ST. LOUIS.

The Market.

There has been a big demand for roses and carnations during the past week. Receipts continue light and the retailers are hustling around to secure enough stock to fill orders. All growers report a light crop and have hopes that the bright weather which we are now having will produce a better cut for the coming week.

Good roses are selling well and the demand for all kinds of flowers bids fair to continue brisk until Lent.

The condition of the rose market is due, undoubtedly, more to the smallness of the crop generally than to any special increase in the consumption.

Brides, Meteors and Maids of the first grade sell as high as \$8 per 100; Perles and Woottons from \$4 to \$5. Ammann's Perles and Meteors are in great demand. Carnations are not overplentiful and the demand is great. Scotts and Daybreaks are at their best and bring \$2 and \$2.50. All white, which sells well for funeral work, has been plentiful the past week. Scarlets have a good call, but choice stock is scarce. The Kirkwood florists are sending in fine blooms, which sell well. This place is also a great center for California violets. The Ude family send in about the best. Quite a lot of them were sold the past week for 40 cents per 100. Later in the week they went up to 50 and 60 cents. Small singles sold at 20 cents per 100. Bulbous stock seems quite scarce and Romans and paper whites went up \$3 for the best; seconds, \$2. Good valley brings \$4 and is very fine. Callas bring \$10 and good Harrisii \$12.50; a few short stemmed tulips were seen, but too short to bring much; smilax still plentiful but in little demand.

Shipping trade at the wholesale houses is good and quite a lot of shipments were made during the past week.

Notes.

The meeting of the Florists' Club will be held on the afternoon of Feb. 8, at 3 p. m. A lot of very important business is to be transacted at this meeting that will require a full attendance. The final report of the exhibition committee will be read; the euchre committee will have the tickets at the meeting for those who have none, and the question of "Shall we hold a show this year?" will be discussed. President Ammann says that he would like to see a large attendance, especially some of the old timers that have not been at a meeting for a long time.

The euchre, which takes place Feb. 23, is progressing nicely and some of the florists report that they have sold already quite a lot of tickets and have made a call for more, so the indications are that the euchre will be a great success.

R. F. Tesson reports that they, Ellison & Tesson, have been very busy the past week with lunches and decorations, and Mrs. Ayers reports plenty of funeral work.

Jos. F. Dickman, the seedsman, reports that the seed business is beginning to look bright, with plenty of orders for seeds and bulbs to fill when the season opens, which is not far off.

Ostertag Bros. report that their business in prepared palms has increased greatly. Cut flower trade with them has also been good.

Fred Ammann's prize Perle plants are selling fast, and they should, as they are the best I have seen for some time.

Kuehn and Berning both report that they never saw the market so scarce as the past week. They sell out early in the morning and after the orders are filled nothing is left but a little rubbish.

Bowling.

The cold weather on Monday night kept many away from the alleys and only five regulars braved the cold and rolled five games. A few good scores were made. This ends the January series of fifteen games. Charlie Kuehn is high man with an average of 156 per game. Mr. Kuehn also made the highest single score during the month. Kunz came in second and Beneke third. The scores and averages are as follows:

	1st	2d	3d	4th	5th	Tot.	Av.
C. A. Kuehn	144	141	159	135	155	734	147
J. W. Kunz	183	130	145	158	125	731	146
J. J. Beneke	143	145	144	127	164	723	145
C. C. Sanders	123	164	150	105	135	677	135
F. C. Weber	95	138	117	98	148	596	119

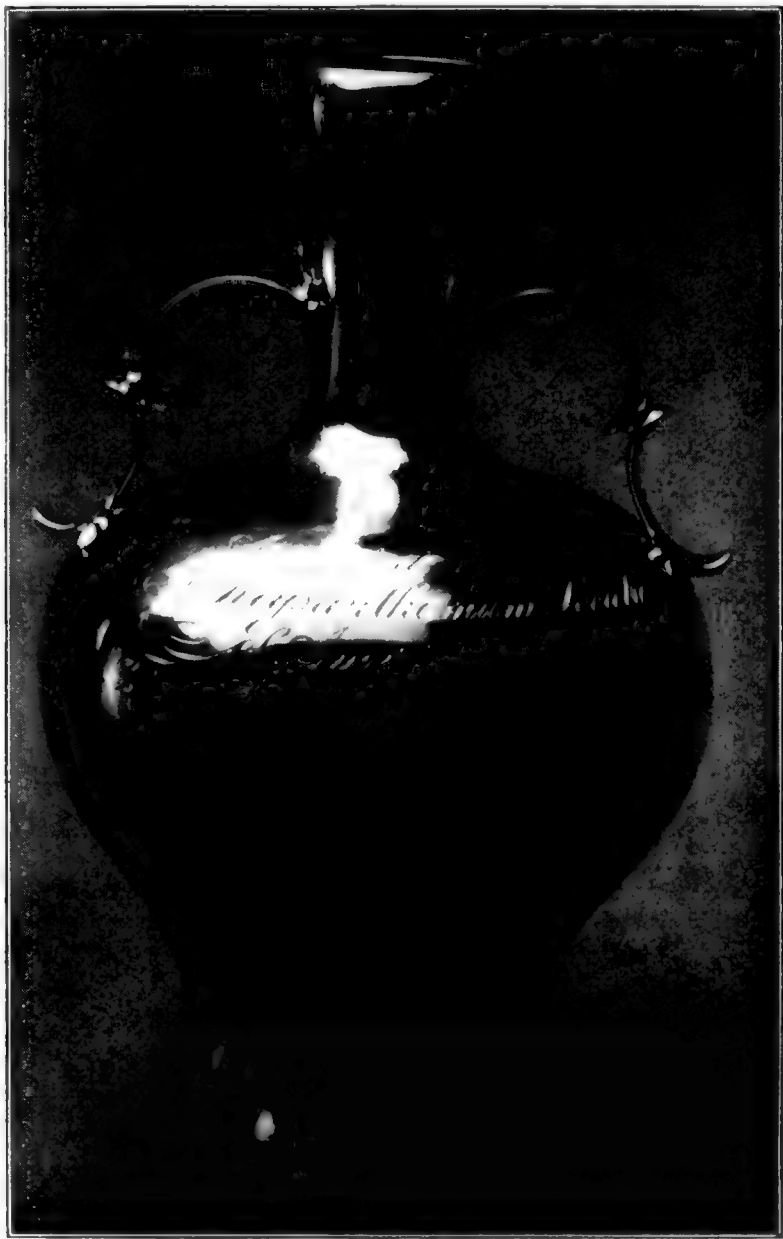
January Series.

	No.	G.	Total	Av.	H. S.
C. A. Kuhn.....	15		2345	156	189
J. W. Kunz.....	15		2239	149	183
J. Beneke.....	12		1696	142	164
C. Beyer.....	3		415	138	169
C. C. Sanders.....	10		1357	136	164
Emil Schray.....	10		1322	132	174
John Young.....	5		647	130	148
F. C. Weber.....	15		1875	125	156
F. J. Fillmore.....	6		605	101	113

J. J. B.

BALTIMORE.

Last week things in the trade here brightened up very perceptibly. Flowers went off much better and, thanks to the bright sunshine and clear, fresh atmosphere, they were far better in color and form than during the muggy, warm and cloudy weather of the preceding fortnight. One class of vendors we have, like the poor, always with us—the street fakirs. Recently there has been noticed on our streets an innovation for this latitude—a portable glass box, from which the flowers are sold, and lately an addition has been made to this vociferous, not to say indus-



Silver Cup Awarded by the Chrysanthemum Society of America to Nathan Smith & Son, Adrian, Mich., for their seedling Goldmine, which scored the highest average for 1899.

trious colony which justifies anyone saying, with John Randolph of Roanoke, "The Greeks are at your doors!"

What is described as one of the most effective, as well as elaborate, room decorations seen in this city for several years was that at the Perin ball, at Lehmann's Hall, the author and finisher of which was Mr. William J. Halliday. It is needless to say that, as with all of that blood, the taste for floral adornment is congenial with him, and that the materials in his hands assumed almost of themselves graceful forms and pictures of beauty. Smilax was used in such profusion that the effect was as though a tent of verdure canopied the dancing throng, whilst around the walls were stately palms, bay trees and blooming acacias. American Beauties, Bridesmaids, orchids and asparagus were used in profusion to bank the mantels and surround the mirrors, and the effect of the whole is said to have been charming and graceful.

Mr. Harry A. Parr, a gentleman identified with large business enterprises in this city, owning a handsome estate a few miles out in its suburbs, where he has already a large range of

glass houses, has determined to go into the production of cut flowers commercially, and is making preparations to build three houses, each 250 feet long, to grow American Beauty and other roses and carnations. His gardener, Mr. William Paul Binder, is well known as a successful producer of seedling chrysanthemums, and locally recognized as the most successful and extensive grower of mushrooms in this vicinity, his large house built especially for their growth being a sight to behold when the crop is in its best state.

The Golden Gate rose is growing into popular favor here, and on our fashionable promenades is now seen frequently worn by the fair Baltimoreans. Its delicious perfume, delicate coloring and long, stiff stems deserve this recognition, but until very lately it has not been a variety much known here, though in Washington it is one of the favorites of fashion.

It was found under our city's new charter that the plants for use in our public square would have to be bought, after advertising for proposals, so that now Mr. Charles L. Seybold, the new landscape gardener of the park board,

invites bids for supplying 190,000. Growers will have to furnish bonds to perform faithfully any contracts awarded them, and each bidder is required to deposit a certified check for 5 per cent of the amount of his bid.

It is ever found that on busy men new burdens are always laid. We notice by the daily prints that Mr. Edward A. Seidewitz, whom one might suppose would be kept busy with the care of his Lexington street store, his extensive nurseries at Annapolis, and the discharge of his public duties as mayor of that "ancient city," has now had put under his care the domestic animals of our state capital, and has been elected president of its Society for the Prevention of Cruelty to Animals! A few nights ago the Masonic lodge to which he belongs presented him with a costly past-master's jewel. He seems to be as popular as he is busy.

RIX.

PHILADELPHIA.

The Market.

Business has improved considerably the past week, especially the cut flower end of it; however, it is not up to the standard, or at least not what it should be at this time of year. Balls and parties have been quite numerous and there have been several large weddings the past week. Hugh Graham reports an exceptionally busy week, having had several large balls and two very large weddings.

Prices.

Beauties, \$1 to \$7.20 per doz.; Brides and Maids, \$3 to \$8, fancy \$10 to \$12; Kaiserin, Meteor and Golden Gate, \$3 to \$8; Gontiers, \$3 to \$4; Perles, \$3 to \$8; cattleyas, \$40 to \$80; cypripediums, \$15; dendrobiums, \$25; carnations, ordinary \$1, fancy \$1.50 to \$2, novelties \$3 to \$4 per 100; hyacinths, \$2 to \$4; valley, \$3 to \$4; narcissus, \$3 to \$4; tulips, \$4; violets, single 25 to 40 cents, double 50 cents to \$1; mignonette, \$2 to \$4; adiantum, \$1; asparagus, 50 cents; smilax, \$15; freesias, \$1 to \$1.

Notes.

W. H. Patton, formerly with J. J. Habermehl's Sons, has branched out for himself and opened a retail store at 1627 No. Twentieth street. The ladies' night on Wednesday evening was a decided success. The ladies were out in full force. The event opened at 8 p. m. with a concert, then came refreshments, and the balance of the evening was devoted to playing various games. All present report a pleasant evening.

The meeting of the Penna. Hort. Society on Tuesday last was well attended and there were quite a number of good exhibits.

C. W. Cox exhibited a new form of cyclamen. The plant is of a very compact habit, well flowered, and many of the blooms being feathered.

Adolphus Bingham, Camden, N. J., delivered an interesting address on

how to produce a crop of lettuce in December and January.

John Kuber was awarded a certificate of merit for his new carnation, Mrs. Bertram Lippincott, a perfect flower of the Daybreak type.

Francis Canning exhibited a fine specimen of *Begonia incarnata*.

Jos. Beavis, of Sixteenth and Cayuga streets, is sending in some fine Brides and Bridesmaids, also some fine carnations. Mr. B. has been building on the plot of ground he purchased at Lime Hill pike and Haines street, and this coming spring he will move all his Sixteenth street houses to the new place.

R.

January Balls.

The January balls in Philadelphia are almost entirely useless from a florist's standpoint. That this fact is not generally known is proved from the frequency with which these balls are mentioned when the season's prospects for cut flowers are under discussion. A New York grower wrote me last season that he saw we had everything our own way in Philadelphia and that "Graham was evidently coining money." That was during one of the duller weeks of the season, and while Mr. Graham, who had one or two big balls each week, may have been coining money, the rest of us were not.

The explanation is very simple: The fashion of carrying bouquets of flowers or wearing a few choice blooms at a ball has departed and, barring a few dinners before the ball, cut flowers are rarely wanted, excepting at the assemblies. Mr. Graham is not only a florist, but a decorator. He can put in temporary ceilings and drape dear old Horticultural Hall so you wouldn't know it. Its size is changed, balconies come and go, and little rooms appear and disappear in a surprising way. Much bunting and cheesecloth are used, but not so many plants or flowers beyond what Mr. Graham himself can produce. Of course, there are exceptions—every now and then vast quantities of something are needed; but this causes only a ripple on the quiet surface of the cut flower and plant markets.

Perhaps when this condition of affairs is better known our growers will be less disappointed with their mid-winter returns when there is so apt to be a lull in business.

E. BATES.

CHICAGO.

The Market.

Roses are scarcer than ever, and it might almost be called a rose famine. We hear of sales of fancy tea roses at \$12 and \$15 a hundred, though many go for \$10.

There is an abundance of carnations and violets, though, and prices on them are somewhat easier, especially on the rather large proportion unsuitable for shipping that appears in some lots. Of violets there has been at times quite

an oversupply, and there has also been a surplus of valley.

A few pots of the Novelty tulip at Kennicott Bros. Co. is the advance guard of the annual supply from Klehm's.

There is much less miscellaneous stock, such as marguerites, alyssum, etc., than usual, and dealers say they find a good demand for this stock if good.

The funeral of P. D. Armour, Jr., this week called for a lot of stock, but it was mainly for the higher grades and didn't help the market as much as it would had there been a lot of old style design work. Orchids were largely used in addition to other fine flowers, and C. A. Samuelson made a casket cover of violets, which used up 5,000 extra violets from one of McKellar & Winterson's consignors.

McKellar & Winterson, by the way, say that lilac is no novelty in the market, as they have been receiving it for several months past. They are at work on their new supply catalogue, which will be ready very shortly.

E. C. Amling is putting the finishing touches on his new place, and by the addition of hanging baskets of Boston ferns, etc., has given it a summer garden effect. The orchestra will probably come later.

Various Items.

The Florists' Club holds a regular meeting tomorrow (Friday evening) at Handel Hall.

There has been a slight lull in the bowling series and no more reports are due yet.

The weather is of the kind that makes heavy drafts on the coal pile, the outside temperature being below zero most of the time.

HEATING.

Kindly tell me the number of lines of pipe and size of boiler required for heating the following:

Rose house, wooden wall 4 feet high, glass side 2 feet, rafter 12 feet, house 100 feet long and gable; 2,900 feet exposed glass surface and about 350 feet wooden wall surface.

Bedding plant house, 24 feet (both rafters), 100 feet (one end only), one gable about 50 feet; 2,450 feet of glass (no walls).

Palm house, 350 feet glass surface (no walls, they being against potting shed and carnation and rose houses).

Violet house, 1,200 feet glass all told.

Carnation house, 90x24, rafters 12 feet each, one gable about 50 feet; 2,210 feet glass surface and about 325 feet wall surface exposed.

Rose house No. 2, same as carnation house; 2,210 feet glass and 325 feet wall.

This makes a total of 11,320 feet glass and 975 feet wall. W. E. P.

As your correspondent does not say if he desires to use steam or hot water, and if the latter, what sized pipes, I

will state the quantities necessary for each system:

If 4-inch castiron pipes with hot water: In rose house No. 1, 9 lines; bedding stock house, 7 lines; palm house, 150 lineal feet; violet house, 3 lines; carnation house, 8 lines; rose house No. 2, 8 lines.

If 2-inch pipes with hot water: Rose house No. 1, 14 lines; bedding stock house, 11 lines; palm house, 240 lineal feet; violet house, 5 lines; carnation house, 12 lines; rose house No. 2, 13 lines.

If one hot water boiler be used, of any standard greenhouse make, it should have about 13 square feet of grate surface, or if two, each should have about 7 feet.

If steam heat is desired, use 1-inch pipes. In rose house No. 1, 1,500 lineal feet; bedding stock house, 1,000 lineal feet; palm house, 300 lineal feet; violet house, 500 lineal feet; carnation house, 1,080 lineal feet; rose house No. 2, 1,170 lineal feet.

The above to be heated by a 25 or 30 horse-power boiler.

The above distribution of heating surfaces are arranged to maintain easily an approximate temperature, in coldest nights, of 60 to 65 degrees in rose houses, 45 degrees in bedding stock house, 65 to 70 degrees in palm house, 38 to 40 degrees in violet house, and 55 to 60 in carnation house.

HENRY W. GIBBONS.

New York.

TARRYTOWN, N. Y.

The Tarrytown Horticultural Society held its regular monthly meeting January 25th, and despite the very disagreeable weather there were about forty members present. The new officers were installed with the usual felicitations. The president, Wm. Turner (gardener to Wm. Rockefeller), in taking the chair to preside, assured the society that he not only intended to do his best but that he expected every member to exert himself to make the society an ideal one. Treasurer E. W. Neubrand reported that there were 67 members and a balance of \$219 in bank. Six new names were proposed for membership, and altogether the newest society around these parts is already one of the strongest. The executive committee were directed to revise the by-laws (which were those of the New York Gardeners' Society) and make such recommendations at the next meeting as they consider necessary for the workings of the society.

It was decided to hold a flower show in Tarrytown next fall, and F. R. Pierson Co. offered a prize of \$25 for a vase of their new chrysanthemum, Col. D. Appleton.

A discussion on carnations was opened by Wm. Scott, who gave his experience with all the modern varieties; he recommended the following sorts as the best: White, White Cloud; Daybreak, the best of its color; Lawson, as one everybody should try;

light pink, Mrs. Jas. Dean, which should be started early to give best results; cerise, there was little to choose between New York and Cerise Queen; Crane, the best scarlet; yellow, Eldorado, and striped, Mrs. Bradt.

Several members spoke on the subject. President Turner said that last season, owing to poor results, he decided to discard Mrs. Jas. Dean, but he has since had such splendid crops of fine flowers from that variety he considered it one of the best. His experience taught him that White Cloud and Pingree gave better results if planted inside; they were the only two kinds that did not agree with outdoor culture. J. I. Donlan was called upon to give his views, which he did from a retailer's standpoint.

Cooke & McCord exhibited a vase of carnation John Young, which was awarded a certificate, as was also a bunch of Albertini from John Egan & Sons. Wm. Turner showed a collection of leading varieties of carnations which was awarded a certificate of merit.

A series of interesting lectures and discussions have been arranged for each meeting. Mr. L. A. Martin will read a paper on "The Vegetable Garden" at the meeting February 22nd. An invitation for two representatives to attend the annual dinner of the Dutchess County Horticultural Society at Poughkeepsie, February 7th, was of course accepted, because that promises to be a great event. D.

WASHINGTON.

The cut flower business has been good the past week, with stock scarce, the following retail prices prevailing: Beauties, \$4 to \$12 per doz.; roses, \$1 to \$2; good stock, \$2 to \$3. Carnations, 35 to 50 cents; selects, 75 cents to \$1 per doz.; freesia, 75 cents; Romans and paper whites, 50 and 75 cents; tulip, 50 and 75 cents per doz.

The various stores report quite a few orders booked for dinners and wedding decorations in the near future. Gude reports a rush on funeral work. He has a nice display of cyps. in his window this week.

Violets have been plentiful the past week. One dealer cut them to \$1 per 100 retail and azaleas at \$1 each. The rest of the boys are retailing them at \$1.50 and \$2 per 100. Mr. Z. D. Blackstone had some very fine Luxonne singles in his window.

J. D. Davidson, formerly with J. L. Loose, and J. Shine, formerly with Mr. Gordon, have moved to their new stand in the center market, doing business as Shine & Davidson.

The florists had a meeting January 24 and organized a club and elected O. A. C. Oehmler president, and J. Shine, secretary. The other officers will be elected at their next meeting, which will be at the call of the secretary, with whom all applications for membership should be left.

The blizzard has struck us and we are promised some zero weather for to-night.

Chas. Wolfe, formerly with Patterson of Pittsburg, and now with A. Gude & Bro., was married last week. O. A. C. O.

SAN FRANCISCO.

With a few business is reported as quite brisk; with others the dullness continues and is very likely to remain so for some time. The weather is fine and springlike, bringing forth our spring flowers in variety, such as primroses, daffodils, snowdrops and pansies. Outside roses are now in full bloom, some very fine buds being cut. *Acacia mollissima* is in fine bloom; some nice sprays are to be seen at some of our stores.

American Beauties are very scarce, and I might say have been a failure this year so far, stems being weak and flowers small. One of our growers thought he had them good, bringing in to market some with stems nine feet long and flowers as large as Cecil Brunners. He went home with a light pocket and a heavy heart. Prices:

Beauties, \$3.50; Bridesmaids, 25 cents to \$1; Brides, 25 cents to \$1.50; Meteors, 75 cents to \$1.50; Perles, 40 cents to \$1; Siebrechts, 50 cents per doz.; Cecil Brunners, two dozen for 25 cents. Carnations, Hobarts, \$1.25; Crockers, 75 cents; Schwerins, 50 cents; Bradts, 35 cents; Gold Nugget, 35 cents; Flora Hill, 35 to 50 cents; Portia, 25 cents; Scotts, 25 cents; fancy mixed, 50 to 75 cents per dozen. Chrysanthemums, 6 dozen for \$1; lily of the valley, 35 to 50 cents per doz.; Romans, scarce, 25 cents per doz.; freesias, 6 dozen for \$1; daffodils, \$1.75 per 100; paper whites, 40 cents per 100; Harrisli, \$2.50 per doz.; smilax, \$1 per doz.; violet, Princess of Wales, 30 cents to \$1 per dozen bunches; California, 30 to 50 cents per dozen. J. N.

IMPORT DUTIES.

Decision on Rosa Rugosa.

The merchandise in question was returned by the appraiser as "rose plants," and duty was assessed thereon at 2½ cents per plant under the provision of paragraph 252 of the act of July 24, 1897. It is claimed to be dutiable at 25 per cent ad valorem under said paragraph as "brier rose."

The pertinent part of paragraph 252 is as follows:

Rose plants, budded, grafted, or grown on their own roots, two and one-half cents each; stocks, cuttings and seedlings of all fruit and ornamental trees, deciduous and evergreen, shrubs and vines, manetti, multiflora, and brier rose, and all trees, shrubs, plants and vines, commonly known as nursery or greenhouse stock, not specially provided for in this Act, twenty-five per centum ad valorem.

The testimony of a number of witnesses was taken before the board and from that testimony we find:

(1) That the term "rose" as used in trade and commerce signifies a rose plant, and does not mean the cut flow-

ers or blossoms known by that name.

(2) That rose plants are of two classes, namely:

(a) Such as are budded, grafted, or grown on their own roots; that is to say, roses grown exclusively for the bloom, and propagated either by budding or grafting them on to the stock of some wild rose grown from seed, or by cutting a slip from the parent plant and planting it to form an independent plant. Such roses can not be grown from seed, as they are not species and would not come true from seed. They are known as named roses, from the fact that, being produced by artificial means, each new variety, as it is produced, is given some name by its producer, such, for instance, as the General Jacqueminot (commonly called Jack) rose.

(b) Brier roses, which are true species propagated from seed, and always coming true from seed. These are grown mainly for the purpose of serving as the stock on which the named roses are grafted, and are less expensive than the artificially produced roses.

(3) That "grown on their own roots," as applied to rose plants at the time of the passage of the tariff act of July 24, 1897, and prior thereto, means roses grown from slips or cuttings, and not budded, grafted, or grown from seed.

(4) That the merchandise in question is a brier rose plant of the species known as *Rosa rugosa*; that it has been grown from seed, and is not budded, grafted, or grown on its roots, and that it is commonly known as nursery stock.

We hold that the article before us is dutiable as a brier rose at 25 per cent ad valorem, and accordingly sustain the protest in each case.—Treasury Decisions.

THE annual general catalogue of Henry A. Dreer, Philadelphia, for 1900 has reached us. It is as usual an encyclopedia of gardening to date and is an exceedingly useful book of reference. Some very interesting novelties in flower seeds are offered as well as in vegetable seeds and plants. It is one of those catalogues that everyone in the trade should not fail to have at hand. It covers practically everything in the horticultural line.

We beg to acknowledge with thanks the receipt of a copy of the American Florist Company's directory for 1900. The list of those in the trade has been brought up to date and new features are a list of private gardeners and a list of landscape gardeners.

VAN BUREN, IND.—John McDougale has purchased land upon which he will build greenhouses. Jerry Bratten will be the florist in charge.

WEBB CITY, MO.—Brenneman, the florist, is arranging to add new glass to his establishment.

Just Received. 20,000 Prepared Cycas Palm Leaves.....

(EXTRA FINE) in all sizes. Dull or Glazed Finished.

SPECIAL LOW PRICES to help us unload the surplus.

State sizes and quantity when asking for quotations.

M. RICE & CO., Importers and Manufacturers,
918 FILBERT ST., PHILADELPHIA, PA.

Mention The Review when you write.

NORTH ADAMS, MASS.

M. S. Worden is having splendid success with carnations and violets this winter. He has calls for more flowers than he can cut. His houses and plants are always in the finest shape.

A. J. Schmutz, the Arnold Place florist, shows himself to be a first-class carpenter as well as florist. He has recently finished an ice box which is a credit to him. Since he has taken the place last July he has been busy. He reports business good and he has a fine lot of spring stuff coming on.

A. H. Darling, formerly gardener for Hon. A. C. Houghton, is negotiating for an acre of land two miles out on the state road, upon which he intends to erect vegetable houses, also a dwelling house for himself. D.

HOLYOKE, MASS.

On January 23 the Springfield and Northampton Horticultural Societies held their second union meeting in Northampton.

Prof. Ganong, of Smith College, gave a very interesting lecture on "Botany as Related to Horticulture."

E. J. Canning, of Smith Botanical Gardens, exhibited specimens of cyclamen, primula and Gloire de Lorraine begonia. Donald McGregor, of E. H. R. Lyman estate, exhibited cyclamens and cypripediums.

This is the first winter that the above societies have held union meetings and a great deal of good is expected from them. G. H. S.

DETROIT, MICH.—D. M. Ferry, the well known seedsman, is a candidate for the office of governor of Michigan and is running against Governor Pin-gree, who is seeking a re-election. Mr. Ferry started in the seed business in this city in 1856 and has built up one of the largest houses in the country. He is now interested in many other large commercial enterprises.

WE have received an announcement that the first number of the Canadian Gardeners' and Florists' Exchange will be issued about Feb. 15. It is to be issued semi-monthly and the publication office is at 215 Dundas street, London, Ont.

The Right Cypress for Greenhouse Material.

Have you heard of Cypress Greenhouse Material that has not been satisfactory? If you have it does not follow that Cypress is not the best lumber to use. There is White Cypress, Yellow Cypress and Red Cypress; there is Cypress that grows on the high lands and Cypress that grows in the swamps.

All of these different kinds are not suitable for greenhouse purposes. Do you know which kind is best and do you know that kind when you see it? If not you would better buy from those that do know and will deliver exactly what they sell. We introduced Cypress for greenhouse construction and pushed it to the front. We know all about it. For fifteen years we have made a specialty of furnishing it; and during this time we have built up a reputation that we can not afford to jeopardize. We send out the best only.

Write for Circulars
or Estimates.

Lockland Lumber Co.

LOCKLAND, OHIO.

Mention The Review when you write.

WHAT HAVE YOU in Spring Flowers, or have you thought of it? If not, why not, for it will soon be time. Remember this firm was started on Spring Flowers, therefore the largest handlers of same in the U. S.

KENNICOTT BROS. CO.

42-44 E. Randolph St., Chicago.

PANSIES...
.....WORTH RAISING

Good Plants by express, \$2.50 per 500;
\$4.00 per 1000. Seed as usual.

C. SOLTAU & CO., 199 Grant Avenue,
JERSEY CITY, N. J.

Cabbage Plants, Jersey Wakefield and other varieties, from cold frame transplant-

ed, 25c per 100; \$1.50 per 1000; \$12.50 per 10,000, if by mail, add 20c per 100.

LETTUCE, Boston Market, Tennis Ball, Curled Simpson, Grand Rapids and other varieties, 15c per 100; \$1.00 per 1000; \$8.50 per 10,000, if by mail, add 10c per 100.

TOMATO, small plants for transplanting, in several varieties, 15 cts. per 100; \$1.00 per 1000.

PEPPER, small plants for transplanting, in several varieties, 25 cts. per 100; \$2.00 per 1000, if by mail, add 10 cts. per 100.

Other Vegetable plants in season. Cash with order.

B. VINCENT, Jr. & SON, White Marsh, Md.

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E. G. Hill & Co.

Wholesale Florists,

RICHMOND, INDIANA.

300,000 VERBENAS....

60 finest named varieties, including our new mammoth white, Mrs. McKinley, the finest white Verbena grown.

PERFECTLY HEALTHY. FREE FROM RUST.

Rooted Cuttings 60c per 100, \$5.00 per 1000.

Plants \$2.50 per 100, \$20.00 per 1000.

Our list is the choice from millions of seedlings. Send for list. **J. L. DILLON, Bloomsburg, Pa.**

EDWARD B. JACKSON,
Wholesale Florist.

HARDY HERBACEOUS PLANTS ONLY.

In any quantity for the least money.

STAMFORD, CONN.

EVERY FLORIST OUGHT TO INSURE HIS GLASS AGAINST HAIL

FOR PARTICULARS ADDRESS

JOHN G. ESLER, Sec'y, SADDLE RIVER, N. J.

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Bassett & Washburn,

76 and 78 Wabash Ave., CHICAGO, ILL.

Rooted Rose Cuttings.

Get new blood in your Roses and secure what you want from grafted stock. Our Cuttings this year are made from grafted plants and none but the best wood will be used.

Our prices the same as others. BRIDES, BRIDESMAIDS, METEORS, \$1.50 per 100.

Rooted Carnation Cuttings.

Our Carnation Cuttings will be made from selected stock and will be guaranteed free from disease, and first-class in every particular. Prices are as low as good stock can be produced for.

CARNATIONS

WHITE.		
	Per 100	Per 1000
Flora Hill.....	\$1 50	\$10 00
Mary Wood.....	2 50	20 00
White Cloud.....	2 50	20 00
PINK.		
Triumph.....	2 50	20 00
Frances Joost.....	2 50	20 00
William Scott.....	1 50	10 00
Daybreak.....	1 50	10 00

DEEP PINK.		
	Per 100	Per 1000
Leslie Paul.....	\$5 00	\$45 00
Cerise Queen.....	2 50	20 00
Painted Lady.....	2 50	20 00
STRIPED WHITE WITH RED.		
Mrs. Bradt.....	5 00	40 00
Psyche.....	1 50	12 00
Armasindy.....	1 50	12 00

YELLOW.		
	Per 100	Per 1000
Gold Nugget.....	\$2 50	\$20 00
RED.		
Red Mrs. Bradt.....	10 00	75 00
Jubilee.....	2 00	15 00
America.....	5 00	40 00
G. H. Crane.....	5 00	45 00
MAROON.		
Empress.....	2 50	20 00

OLYMPIA.

The Introducer says it is the Finest of all New Carnations for 1900.

Admiral Dewey's Flag-Ship, the Olympia, is the most popular boat afloat, and this grand flower, its namesake, will certainly be the most popular variety ever introduced.

PRICES: Per doz., \$2.00; per 100, \$12.00; per 1000, \$100.00
25 at 100 rates. 250 at 1000 rates.

Grand New Pink Carnation.....

THE MARQUIS.

Originated by L. E. MARQUISSE, Syracuse, New York.

Has received Five First-Class Certificates, including that of the American Carnation Society, and the Silver Cup at Philadelphia for best Pink, also Silver Medal of the Massachusetts Horticultural Society at Boston. It is, without doubt, the finest Pink Carnation ever introduced, and has been so pronounced by experts.

Strong Rooted Cuttings, March to April, 1900.

PRICES.....Per 100, \$10.00; per 1000, \$75 00.

MRS. THOS. W. LAWSON

The \$30,000 Queen of Carnations for Spring Delivery, Commencing February 1st, 1900.

PRICES:

Per dozen	\$ 3.00
Per 100	14.00
Per 1000	120.00
Per 5000	500.00
Per 10,000.....	800.00

ETHEL CROCKER.

The Introducer Says it is Absolutely the Best Pink Carnation Ever Offered to the trade.

With ordinary culture they will average three to three and one-half inches in diameter, are well formed with extra heavy petals—coming nearer attaining exhibition and commercial perfection in one and the same flower than any other known variety.

PRICES:

Per 25, \$2.50; per 100, \$10.00; per 250, \$18.75; per 1000, \$75.00

THE GRAND NEW ROSE LIBERTY!

WON HIGHEST HONORS WHEREVER SHOWN.

THE FINEST CRIMSON FORCING ROSE OF THE CENTURY.

Most nearly approached by Meteor in color, but far surpassing that standard variety in brilliancy and purity of color, as well as in size and freedom of bloom, never showing any deformed, black or bull heads, either in winter or summer. A remarkable keeper, when cut keeping its brilliancy of color without turning blue or dropping its petals, as is the case with Gen. Jacqueminot, which it somewhat resembles in size and fragrance.

PRICES ARE AS FOLLOWS FOR ALL STOCK:

Own Rooted Stock in 2½-in. Pots		Grafted Plants in 2½-in. Pots	
12 plants.....	60c each	12 plants.....	75c each
25 ".....	50c "	25 ".....	60c "
50 ".....	30c "	50 ".....	50c "
100 ".....	25c "	100 ".....	40c "
1000 ".....	20c "	1000 ".....	35c "

BASSETT & WASHBURN, 76-78 Wabash Ave., Chicago, Ill.

WATERTOWN, N. Y.

Messrs. Greene & Underhill are unquestionably the Begonia Rex specialists, than whom there is perhaps none superior in the country. With a stock running into the thousands and consisting of thirty-four distinct varieties, they seem to be splendidly equipped this season to take care of their wholesale trade, which has increased to an extent surpassing their most sanguine expectations. Although no longer enjoying the popularity as of yore, there is nevertheless still a brisk demand for Begonia Rex, some florists finding them just the thing for ferneries, the bright-leaved varieties especially showing up to good effect. Next to begonias, geraniums of all kinds, colors and shapes constitute another of their leading specialties, while their vincas, by the hundreds and thousands, find a ready sale and are being shipped to all sections of the country. What impressed me most during a recent visit to this establishment was their system of specializing things (if I may thus put it). The man having in his care geraniums gives his time and undivided attention to the geranium houses; the genius presiding over the begonias has begonias to care for, think and dream of, while the men in charge of the carnation and rose houses must see to it that the Scott, Albertini, Daybreak and the rest of them "stand up and deliver," and that the Brides and Maids are not slow in coming.

The result is an all around success. I saw Albertini here, not in a vase but on the benches in the process of growing, that could not possibly be surpassed by any seedling of either last or this year's introduction. As to Flora Hill, the solid bed seems to suit it admirably and, barring its stem, which is rather weak, there is not a white carnation today that can equal it.

With twenty-four houses, comprising about 50,000 feet of glass, Messrs. Greene & Underhill's facilities to handle their wholesale trade have never been better. It is quite likely that another house or two will be added during the coming spring.

Mr. A. Stoeckle's new range of houses on Holcum street, three in number, have been completed and are in fine working order. Mr. Stoeckle's violets are as fine as any grown in or about famous Poughkeepsie.

Mr. Skeels has built a new carnation house, 100x25, which is in charge of his son, Mr. Skeels himself taking charge of his downtown place.

Messrs. Clark & Son have added a house to their range on State street.

Business has never been better, while the prospects are decidedly encouraging. S.

KINGSTON, ONT.—Joseph Nicoll, the florist, died Jan. 16 after a year's illness, aged 63 years. He was a native of Montrose, Scotland, and had been a resident of Canada for fifty years.

McKELLAR & WINTERSON'S Modern Supply House

is the place to buy your CUT FLOWERS, SUPPLIES, SEEDS, BULBS, ETC., ETC.

We are strictly headquarters in the Western States for
MASSACHUSETTS FANCY FERNS,

Present prices: Per M, \$1.25; per 5 M lots, \$5.00.

Other Specialties..... ORCHIDS, FANCY ROSES, FANCY CARNATIONS, SELECT VIOLETS.

All stock at lowest possible prices. Write for new catalogue.

McKELLAR & WINTERSON, 45-47-49 WABASH AVE., CHICAGO.

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Red Pots

STANDARD SIZE
WIDE BOTTOMS
AT RIGHT PRICES

OUR IMPROVED
CUT FLOWER BOX

BEST
BOX IN THE
MARKET.

OUR CATALOGUE—Every Florist should have it. Contains illustrations of all Supplies and Wire Designs.

C. C. POLLWORTH CO.....MILWAUKEE, WIS.

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Real Estate,

Land with or without Greenhouses
in different parts of the United States.

BARGAINS can be had and opportunities opened
for profit. Write for particulars and state
your requirements.

SMITH & SMITH,

345 Sixth Ave., PITTSBURG, PA.

Brokers in Real Estate,

Glass, Pipe, Boilers, etc.

Mention The Review when you write.

WE, LIKE our help, have grown up in the trade, therefore we know how to handle, pack and ship Flowers. Orders filled with promptness. Special care is taken of the shipping trade. P. and D. at cost.

KENNICOTT BROS. CO.

42-44 E. Randolph St., Chicago.

Always Mention the....

Florists' Review

When Writing Advertisers

Headquarters for DAHLIAS...

250 varieties, Show, Fancy, Cactus and Pompons. We received last Fall, in 1899, Berkeley Lyceum, from American Institute Fair, five first, four second prizes on Dahlias. We have a fine lot of Field-grown Clumps in surplus. Send for prices. **Cannas**, good old standard varieties, such as Mme. Crozy, Alphonse Bouvier, P. Marquant, F. R. Pierson, Charles Henderson, Queen Charlotte, Italia, Austria, \$12.50 per 1000, \$2.00 per 100. Three new ones — L. Island, free blooming, yellow, fine; Dwarf Yellow Thomas Griffin; J. B. Dutcher, better than Charles Henderson and Bouvier, \$25.00 per 1000, \$3.00 per 100. Good strong division of dormant roots. Two best foliage Cannas, Grand Rouge and Robusta, \$10.00 per 1000, \$1.50 per 100.

Cash with order. Address all orders to

ROWEHL & GRANZ, Hicksville, L. I., N. Y.

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Perry Watson & Co.

CALIFORNIAN SEED HOUSE

—SPECIALTIES—

Onion Seed
Lettuce
Celery
Carrot
Salsify
Parasip
etc.

Sweet Peas
Cosmos
Hollyhock
Verbenas
Asters
Mignonette
etc.

Lima Beans
Salt Bush
Bromus Grass
Bermuda "
Johnson "
etc.

ALL CALIFORNIA GROWN. WHOLESALE ONLY.

SACRAMENTO

CALIFORNIA

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ESTABLISHED 1802

THORBURN'S SEEDS

Our Wholesale Price List of

Choice Flower Seeds for Florists

is now ready. A post-card will bring it to you.

We have still on hand some of our

LILY OF THE VALLEY PIPS,

The Finest that come to this Country.
Per 1000, \$10.00. Cases of 8000 at \$9.00 per 1000
J.M. THORBURN & CO.

(Late of 15 John Street)

36 CORTLANDT STREET, NEW YORK

Mention The Review when you write.

NEW PINK CHRYSANTHEMUM MISS FLORENCE E. DENZER

The latest Mum. Blooms for Christmas. See cut in Florists' Review of Dec. 21, 1899.

Rooted Cuttings, \$3.00 per 100; from 2 1/4-in. pots, \$10.00 per 100; and thirty other leading varieties rooted cuttings, \$9.00 per 1000; from 2 1/4-inch pots, \$15.00 per 1000.

Ready March 20th, 1900.
Cash with order, please.
ANTON C. ZVOLANEK,

WEST HOBOKEN, N. J.

Mention The Review when you write.

KENNICOTT BROS. CO. never make a claim but what they can prove. We claim to be the oldest, most reliable and largest dealers in Cut Flowers in Chicago, and as above stated, we can prove it.

KENNICOTT BROS. CO.

42-44 E. Randolph St., Chicago.



Clare & Scharrath

Have a longer experience in making PREPARED PALMS than any other firm in the U. S. We make them, too, where labor, space and material are cheapest. We have the pick of the finest material growing in abundance at our very doors at ORLANDO, Florida.

Lowest Prices to Florists.

Mention The Review when you write.

GERANIUMS. Strong ROOTED CUTTINGS.

S. A. Nutt, Gen. Grant, La Favorite, and 50 other leading varieties, \$1.50 per 100; 2 1/2-in. pots, \$2.50 per 100. Chrysanthemums, good stock plants, all the leading varieties, \$2.00 per 100 clumps. Petunias, Dreer's collection, 2 1/2-in. pots, \$2.50 per 100. Grevillea Robusta, 3-in. pots, \$5.00 per 100, fine plants.

Converse Greenhouses, - WEBSTER, MASS.

Mention The Review when you write.

Sweet Peas for Florists' Planting

Cupids and Burpee's Bush.

These most distinct types have greatly increased and widened the area of successful Sweet Pea culture, as the low compact growth and wonderful root-system of the plants enable them to resist heat and drouth to a much greater extent than the tall-growing sorts, which, under similar unfavorable conditions, are apt to suffer from the red spider and other troubles, the vines drying up after only a brief period of bloom. These new types are not so well adapted for growing in cool, moist locations; the dense, compact growth of foliage being quite apt to "damp off" under such conditions, so that the two distinct types of tall or running growth and the low bush-like and spreading growth should be used to complement each other.

The flowers of the Cupid type are borne on stiff stems, too short for bunching effectively, but quite desirable for boutonnières and design work, strikingly resembling rosebuds when freshly opened. It is as a border or bedding plant that they develop the greatest beauty; the rich, dark-green carpet of foliage being literally hidden by the clusters of lovely flowers. The new Bush Sweet Pea has flowers of large size and fine form, borne on long stems, equally as well suited for bunching as those of the tall-growing varieties, and from present indications we shall soon be able to offer quite a complete assortment of shades and colorings, so that florists having light soils or very dry locations will be able to grow a supply of Sweet Peas for summer cut-flowers quite as readily as those situated in cool, moist locations.

The Best for Forcing is Burpee's "Earliest of All."

For planting under glass we recommend only the tall or running varieties, which can be trained to strings or other supports, although some growers have succeeded splendidly with the Cupids as pot-plants under glass. Our new variety, Burpee's "Earliest of All," is distinctly the finest and most profitable Sweet Pea for forcing, by reason of its extremely early flowering and beautiful coloring. From seed planted in raised beds the last week in August the vines began blooming the last of October, and continued to flower until cut off by the heat of the late spring months. The seed is sown thinly in drills twelve inches apart running across the beds, and the vines supported with light wire stakes. The vines branch freely and furnish a profusion of fine large flowers on long stems, usually three in a spray. The standards are a rich, bright rose, well expanded, and the wings of a creamy white, frequently tinged or spotted with rose, identical in all respects with the popular Blanche Ferry. In the open ground the growth is quite dwarf, only eighteen inches to two feet in height, and the plants are in full flower from a week to ten days in advance of even the Extra Early Blanche Ferry or Emily Henderson, while under glass no other variety at all approaches it in earliness, the ordinary varieties seldom flowering before February, even from seed planted early in the fall.

Popular "Pink and White."

As stated before, the combination of Pink and White, as in the Blanche Ferry, is the most popular coloring in the Sweet Pea. For outdoor planting we recommend that Burpee's "Earliest of All," Extra Early Blanche Ferry, and the regular strain of Blanche Ferry should all be planted, as they will flower in succession in the order named, giving the longest period of bloom.

The Best Two Scarlets.

In scarlet, Salopian is the most glowing in shade. Burpee's Brilliant and the improved "Sunproof" Salopian will best resist the strong sunshine, being free from the blackening of the standard so troublesome with the other scarlet varieties.

All the above are self-colored flowers of the largest size and finest form in their respective colorings, these self-colored flowers being the most popular for bunching. Florists should include also the following fancy or variegated sorts to complete the finest assortment: **Gray Friar**, violet-purple, watered veining, and shading on a silvery-white ground; **Pink Friar**, the same markings, but of a soft cerise-pink; **Aurora**, a grand, large, silvery-white flower, delicately striped and flaked with salmon-pink; **Wawona**, white, striped with a beautiful heliotrope shade; **Lottie Hutchins**, daintily flaked with pink on a creamy-white ground; **Lottie Eckford** and **Maid of Honor** of the dainty "blue and white" blendings.

The above selections cover an extensive range of shades and colors, but our list of varieties offers many others of distinct shades, suitable for cut-flowers, from which florists can select those most desirable for their needs.

Burpee's Blue List for 1900.

A complete catalogue giving lowest prices possible for Florists and Market Gardeners mailed free upon application. It is a book of 144 pages, giving much useful information and offering all the "Best Seeds that Grow."

W. ATLEE BURPEE & CO., PHILADELPHIA.

The Best Pure Whites.

Pure white is also a most useful color for florists. The Emily Henderson is the earliest flowering, but rather delicate in texture and with distinct notch at the top of the standard. Blanche Burpee blossoms later, is of very strong growth, and continues longer in flower; the flowers are of very large size, grand form, and good substance, lasting a long time when cut. "Sadie Burpee" is considered by Mr. Eckford his finest variety, "absolutely the grandest white." The vines are of very strong growth, the flowers of extra large size and beautiful shell-like form on long stem. One type of "Sadie Burpee" is distinct in having black seed, so that it can be planted earlier in the spring. Under exceptionally favorable conditions the standards of the longest flowers are "notched" near the base as in Butterfly.

Burpee's Modesty is a creamy white with only the faintest tint of delicate pink, black-seeded and hardy, and would answer well as a white sort.

Pinks of Several Shades.

In pink we recommend Lovely, a soft shell-pink with creamy border; Prima Donna, beautiful light-blush pink; Prince of Wales (an improved Her Majesty), very large, finely hooded flowers of a rich, glowing rose-pink; Hon. F. Bouverie, soft flesh-pink tinted with buff, a most distinct shading; Royal Rose (an improved Apple Blossom), a bright flesh-pink, grandiflora size, and beautiful form.

Clear Light Lavenders.

In lavender we recommend Burpee's New Countess, Lady Nina Balfour, and Lady Grisell Hamilton, all of the most soft and pleasing shades, differing slightly in tint.

Creamy Yellow or Primrose Tints.

In creamy yellow or primrose tints Mrs. Eckford is the deepest in shade, while Queen Victoria is the largest in flower and of finest form. Stella Morse is of a rich apricot tint bordering on buff.

Two Bright Blues.

The rich Burpee's "Navy Blue," introduced last year, is most distinct and one of the finest for cut flowers; vines of strong growth, wonderfully free and continuous bloomer with three and four large flowers on a long stem. The flowers are of a very large size, fine, open form, and a rich violet-blue or purple. Extremely rich, it should be planted by every florist, as it will be, without doubt, the most popular dark-colored variety.

Eckford's Countess Cadogan, also introduced last year, is a most charmingly bright blue of a lighter shade. It is vastly superior to Captain of the Blues, and is sure to become very popular for cut flowers.

The Most "Gorgeous" of All.

For a rich, glowing orange we recommend Burpee's Gorgeous and Lady Mary Currie, which are quite similar in shade, but distinct in form, the latter having a tall, pointed standard. Both are of a rich orange-salmon tint, with darker and richer veinings. A most distinct and striking shade.

The Best Orange-Pink.

Lady Penzance has been for years a great favorite, but is now surpassed by Burpee's Oriental. This is the largest and finest in coloring of this type (unless we place Lady Mary Currie in the same class), and it does not fade under the hottest sun.

The Best Very Dark Varieties.

For the darkest and richest colors aside from Navy Blue we would plant Othello, a beautiful dark brown with satiny finish; and Duke of Westminster, a deep maroon, both of the largest size.

E. H. HUNT

THE "OLD RELIABLE" FOR

**Wholesale
Cut Flowers**

Hunt's Flowers Go Everywhere.

76 Wabash Ave. CHICAGO.

Mention The Review when you write.

KANSAS CITY, MO.

Your correspondent called on Brown & Son a few days ago and found them busy as usual. They have an old, established trade, and are the oldest florists in town.

The Humfeld Floral Co. seem to be doing their share of the business.

Sam Murray has the store at the Coats House Conservatory. Sam is one of the men in our business who knows what is good, and, if it is to be had, he will have it.

Miss Dally uses the cut of one of the large establishments near the city and still needs more flowers. Miss J. E. Murry, at the Midland hotel, still has a good business, but complains of the scarcity of stock of good quality.

A call at Newell's found him busy as ever. Mr. Editor, if you ever come to Kansas City, just you intimate to Mr. Newell that you would like to see the city, and he will order his horse at once and I think he can show you more improvements in our thrifty city in a two hours' drive than you would see in a week looking around alone. Newell has a No. 1 horse, there is no mistake about it.

We found Mr. Wm. Rock's place undergoing repairs and decorations and himself and whole force as busy as they could be fixing for a small wedding, and we just had time to say, "We are glad to see you so busy." He is certainly laying a foundation for a successful business. His motto is "Good stock and good prices."

We note the Kellogg Flower Store is under a new management. Two of his daughters, Mrs. Lamb and Miss E. Kellogg are looking after their father's interest and they seem to be succeeding.

We will take a stroll soon to see what preparations are being made for Easter. UNION.

IF IN CHICAGO, take a look at how we handle stock. We need say no more, that in itself will tell you where to buy stock if a buyer; it will also tell where to ship if a grower.

KENNICOTT BROS. CO.**42-44 E. Randolph St., Chicago.**

Mention The Review when you write.

DID YOU EVER

do business with us? If you did and are not now a customer, did you ever reason out to your own satisfaction why you stopped buying? Did you ever?

Did you ever write to us and tell us all about it? Did you ever?

If you did, did you ever fail to get a full and satisfactory explanation? Did you ever?

Did you ever realize that we are conducting one of the largest establishments of the kind in the country—that our business is growing constantly larger—that we are keeping abreast of the times in all things—that we are making it grow by dealing fairly, justly and honestly with each and every one, that it may continue to grow? Did you ever?

Did you ever know that we daily handle a large percentage of the choicest stock that is sold in the west? Did you ever?

When you wanted something better than your competitor furnished last time did you ever, now really, did you ever try

E. C. AMLING?**Wholesale Cut Flowers.****W. S. HEFFRON, Mgr.****32, 34, 36 Randolph St.
Chicago, Ill.**

Mention The Review when you write.

Bassett & Washburn**76 Wabash Ave., CHICAGO, ILL.****Wholesale Growers of
and Dealers in CUT FLOWERS****[Greenhouses at Hinsdale, Ill.]**

Mention The Review when you write.

PETER REINBERG,**Wholesale
Grower of CUT FLOWERS.****500,000 feet of Glass.****Headquarters for fine AMERICAN BEAUTIES.****51 Wabash Avenue, CHICAGO.**

Mention The Review when you write.

A. L. RANDALLTelephone
1496**Wholesale Florist,****4 Washington St., Chicago.**

In our new and enlarged quarters we are better prepared than ever to handle your orders.

Mention The Review when you write.

**WHOLESALE
GROWER OF ROSES. DEALER IN
CUT FLOWERS.****J. A. BUDLONG,****37-39 Randolph St., CHICAGO, ILL.**

Mention The Review when you write.

**Maplewood Cut Flower and
Plant Co. GEO. M. KELLOGG, Pres.****Growers of CUT FLOWERS at Wholesale.**

Regular shipping orders given special attention. We have the largest plant west of Chicago.

Store: 906 Grand Ave., KANSAS CITY, MO
Greenhouses; Pleasant Hill, Mo.

Mention The Review when you write.

WIETOR BROS.**Wholesale
Growers of Cut Flowers.**

All telegraph and telephone orders
given prompt attention.

51 Wabash Avenue, CHICAGO.

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**G. A. KUEHN WHOLESALE
FLORIST****Cut Flowers and Florists' Supplies.**

Manufacturer of the Patent Wire Clamp Floral
Designs. A full line of supplies always on
hand. Write for catalogue and prices.

1122 PINE STREET, ST. LOUIS, MO.

Mention The Review when you write.

**H. Berning
G. WHOLESALE
FLORIST,****1322 Pine Street,
ST. LOUIS, MO.**

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**ELLISON & TESSON,
WHOLESALE SHIPPING****FLORISTS****3134 Olive Street, ST. LOUIS, MO.****...Home Grown Stock...**

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**Cincinnati
Cut Flower Co.****416 Walnut St. Wholesale Florists
CINCINNATI, O.**

Consignments Solicited.
Special Attention Given to Shipping Orders
Mention The Review when you write.

Mention The Review when you write.

...SPECIAL... Rooted Cuttings.

Choicest Varieties.
Lowest Prices. Finest Stock.

50,000 Carnations, standards, \$7.50 per 1000.
Descriptive list, 25 choicest up-to-date varieties.

50,000 Roses, standards, \$12.50 per 1000.

50,000 Verbenas, 20th Century collection.
32 Grand Mammoth varieties, the cream of all the latest and choicest up-to-date, 60c per 100, \$5.00 per 1000. Strong, 2-in., \$2.00 per 100, \$18.00 per 1000; full of Cuttings, elegant stuff.

50,000 Dble. Fringed Petunias, Henderson's and Dreer's latest sorts. We all know that they lead the world. \$1.00 per 100, \$8.00 per 1000. Strong, 2-in., \$2.00 per 100, \$18.00 per 1000.

Geraniums, 5000 2½-inch Paul Bruant, the best scarlet, \$3.00 per 100. New Giant California White Marguerite and New Golden, both sell at sight, \$1.00 per 100. Strong, 2½-inch, \$2.50 per 100.

Ageratum, Princess Pauline, the only one to grow, \$1.00 per 100. Extra strong, 2½-inch, full of Cuttings, \$2.50 per 100.

Salvia Splendens, no other so good, \$1.00 per 100. Extra strong, 2½ inch, \$2.50 per 100.

Fuchsias, best sorts, \$1.50 per 100. Vinca Major, \$1.00 per 100.

Smilax, strong seedlings, 50c per 100, \$4.00 per 1000, prepaid, by mail.

500 Cinerarias, 2½-inch, \$2.00 per 100.

Lobelia, (trailing) indispensable for baskets, etc., strong, 2-inch, \$2.00, strong rooted cuttings, \$1.00 per 100.

Our wholesale descriptive list of Specialties mailed on application. Cash must accompany all orders. Small packages by mail.

SOUTH SIDE FLORAL CO., - Springfield, Ill.

Mention The Review when you write.

ROSES... ALL SIZES AND ALL KINDS.

WRITE FOR PRICES.

Boston Ferns and N. Cordata Compacta, 2½ in. pots
Honeysuckles, Hibiscus Cooperi, Moon Vine, White and Blue; Rubra Begonia, Strobilanthes Dyerianus, 2½ in. pots, at \$3.00 per 100.

GERANIUMS—S. A. Nutt, White Swan, Heteranthe, Mrs. E. G. Hill, 2½ in. pots, at \$3.00 per 100.

SCENTED GERANIUMS—Lemon, Nutmeg, Balm, Rose, 2½ in. pots, at \$3.00 per 100.

Ageratum Princess Pauline, 2½ in., \$3.00 per 100.

Rubra Begonia, 3 in. pots at \$1.00 per 100.

Hardy Pinks, 6 varieties, 3 in. pots, at \$1.00 per 100.
Cash with Order.

THE NATIONAL PLANT CO., Dayton, O.

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Place your orders now for Perle Rose Cuttings and Plants. Remember, they are from The Perle King of St. Louis and from prize-winning stock only. Rooted Cuttings.... per 100, \$1.75; per 1000, \$15.00
Two-inch pot plants, " 3.00; " 25.00
Cash or satisfactory reference,

J. F. AMMANN, - EDWARDSVILLE, ILL.

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Headquarters for LAUREL FESTOONING,
MOSES AND FERNS a specialty.



MILLINGTON, MASS.

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CHICAGO CARNATION CO., The Great and Only Carnation Specialists

CUTTINGS NOW READY.

	Per doz.	Per 100	Per 1000	Blooms per 100
Genevieve Lord, the peer of any light pink Carnation ever offered.....	\$2.00	\$10.00	\$75.00	\$1.00
Chicago, scarlet Bradt.....	1.50	7.50	60.00	4.00
Mrs. Lawson, cerise pink.....	1.00	14.00	120.00	
Olympia, variegated.....	2.00	12.00	100.00	
Ethel Crocker, pink.....	1.50	10.00	75.00	

	Per 100	Per 1000	Blooms per 100		Per 100	Per 1000	Blooms per 100
Frances Joost, pink.....	\$2.50	\$20.00	\$3.00	Argyle, carmine.....	\$2.50	\$20.00	\$4.00
Mrs. Jas. Dean, pink.....	2.50	20.00	4.00	Jubilee, scarlet.....	2.00	15.00	4.00
John Young, white.....	2.50	20.00	4.00	Armazindy, variegated.....	2.00	15.00	2.00
White Cloud, white.....	4.00	30.00	4.00	Evelina, white.....	2.00	15.00	2.00
Mrs. Bradt, variegated.....	5.00	40.00	\$1 to \$3	New York, deep pink.....	2.00	15.00	2.00
Gen. Maceo, crimson.....	6.00	50.00	4.00	Wm. Scott, pink.....	2.00	15.00	2.00
Gen. Gomez, crimson.....	6.00	50.00	4.00	Victor, pink.....	2.00	15.00	2.00
G. H. Crane, scarlet.....	6.00	50.00	4.00	Daybreak, light pink.....	2.00	15.00	2.00
Gold Nugget, yellow.....	2.50	20.00	4.00	Flora Hill, white.....	2.00	15.00	3.00

CHICAGO CARNATION CO., Greenhouses and Address, JOLIET, ILL.

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...OUR...

"Wire Work"

like our Flowers, always a little better and always
a little cheaper than elsewhere. Special Discount

"SALE"

now on. WRITE FOR SPECIAL QUOTATIONS.

KENNICOTT BROS. CO., 42-44 E. Randolph St., CHICAGO.

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BENTHEY & CO.

F. F. BENTHEY, Mgr.

WHOLESALE AND COMMISSION Florists. Consignments Solicited.

41 Randolph St. CHICAGO.

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ROOTED CUTTINGS.....

Verbenas, 40 var., 60c per 100, \$5.00 per 1000.
Petunias, 30 var., \$1.25 per 100. Heliotrope, 15 var., \$1.00 per 100. Coleus, 30 var., 70c per 100, \$6.00 per 1000. Ageratum, 3 kinds, include Princess Pauline, 70c per 100; Alyssum Dble., \$1.00 per 100; Lantanas, 4 kinds, \$1.25 per 100. Salvias, 3 kinds, \$1.00 per 100. Geraniums, mixed, from 2-inch pots, strong plants, \$2.50 per 100.

Express prepaid and satisfaction guaranteed. Cash with orders. Do not send checks.

Our Cuttings are good. Write

S. D. BRANT, Clay Center, Kan.

Mention The Review when you write.

ALWAYS REMEMBER we always mean what we say, and we advertise nothing but true facts. If a buyer comes to us, if a grower ships to us, you will find it just as we say.

KENNICOTT BROS. CO.

42-44 E. Randolph St., Chicago.

XXX SEEDS

VERBENA GRANDIFLORA. The finest strain of Improved Giant Verbenas yet produced, largest flowers and best colors, good percentage of white, per pkt., 800 seeds, mixed colors, 50 cts.

CYCLAMEN GIGANTEUM. The choicest Giant-flowering varieties in best mixture, pkt., 200 seeds, \$1.00; half pkt., 50 cents.

CHINESE PRIMROSE. Best large single and double fringed, 500 seeds, \$1.00

PHLOX DRUM. PUMILA. New, very dwarf, perfect beauties, excellent for growing in pots for Spring sales, mixed colors, trade pkt. 20c.

A pkt. of New Double Early-flowering Dwarf Vienna Carnation added to every order.

JOHN F. RUPP, Shiremanstown, Pa.

The Home of Primroses.

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Pansies...

Fine Plant, large flowering strain, \$2.50 per 1,000
150 Obconica Grandiflora Primula, 2.00 per 100
100 Forbesi Primula..... 2.00 "
Geranium, 16 varieties..... 3.00 "

CASH, PLEASE.

JOS. H. CUNNINGHAM, DELAWARE, OHIO.

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GALAX LEAVES.

Chas. H. Ricksecker, Linville, N. C.

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SAMUEL S. PENNOCK.**Wholesale****→ Florist**{ Until further notice, will be open from }
6:00 a. m., to 11.00 p. m.**American Beauties and Valley Our Specialties. 1612-14-16-18 Ludlow St., Philadelphia, Pa.**

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MONTREAL.

The annual meeting of the Montreal Gardeners' and Florists' Club was held in the Cathcart hall, on Monday evening, January 22nd, at 8 o'clock. The attendance of members was excellent. The treasurer's and secretary's reports were hardly as favorable as in previous years, but the depression is temporary only. The failure to hold a show no doubt accounting for several subscriptions being unpaid.

The officers elected were: President, Mr. George A. Robinson; first vice-president, Mr. A. Pinateau; second vice president, Walter Whiting; treasurer, Walter Wilshire; secretary, William Horobin, 130 Tupper street, Montreal; assistant secretary, Fred Bennett. Executive Committee: John Walsh, James McKenna, William Wilshire, John Eddy, C. A. Smith, W. Hall, who, with the retiring president, Mr. Alfred C. Wilshire, constitute the board of management.

The banquet will be held at McHugh's hotel, Lachine, on the 29th.

FRED BENNETT,
Retiring Secretary.

UTICA, N. Y.

The evening of Saturday, Jan. 20, a party of florists from Syracuse visited this city and was entertained by Utica florists. An elaborate collation was served, and toasts were responded to by many of those present. Later in the evening the florists from Syracuse and their local brethren engaged in a bowling contest at the Maennerchor bowling alleys. After a close and exciting game the Uticans won by a small margin.

Those present from Syracuse were: R. H. C. Bard, David Campbell, George Ham, Richard Davis, Charles A. Fox, W. B. Dow, Joseph Huller, Henry Burt and Charles Smiley. The Syracusans left on the 12:30 train for their homes. The Utica florists will visit Syracuse in the near future.

HARTFORD, CONN.

Geo. S. Osborn has a bench of Bradt that does one's eyes good to look at. Scott, White Cloud and Triumph are fine and bring on an average 75 cents per dozen, a proof of the quality, as 35 cents is the usual figure in this state for a decent carnation.

Many of the new kinds will be tried and the drummer who knows all about the good qualities of the debutantes and none of their failings is the successful genius who will book the orders.

PITTSBURG CUT FLOWER CO., Ltd.**WHOLESALE FLORISTS.**Long Distance
Phone 2167.**CONSIGNMENTS SOLICITED.****No. 504 Liberty St.,****FLORISTS' SUPPLIES.**

Write for Price List.

PITTSBURG, PA.

Mention The Review when you write.

Asparagus PlumosusCut Strings
8 feet long,
50c per string.**Nanus**Shipped
to any part
of the country.**W. H. ELLIOTT,**
BRIGHTON, MASS.

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**100,000
PLANTS
Ready.**

Per 100

Clara Bedman Salvia.....	2 1/4-inch.....	\$2.00
Geranium De Roo Mitting.....	2 1/4-inch.....	7.00
Geranium Double Snow Drop ..	".....	7.00
Geranium Mme. Sallerol.....	".....	2.00
New Yellow Baby Primrose.....	".....	7.00
22 Coleus, fine, named, new.....	".....	4.00
20 Standard Coleus, named.....	".....	1.50
20 Double Petunias, mixed.....	".....	2.00
Primula Obconica, 3 1/2-inch.....	".....	2.50
Primula Obconica, 2 1/4-inch.....	".....	2.00
Primula, Chinese, 2 1/4-inch.....	".....	1.00
Primula Chinese, in bud and bloom, 3 1/2-in..	".....	2.50
Primula, from flats, strong.....	".....	.50
Velvet Plant.....	".....	2.00
15 Begonias, flowering, named, 2 1/4-inch.....	".....	1.50
Forget-Me-Not, winter flowering, 2 1/4-inch ..	".....	1.50
Iresines, 2 varieties, red and yellow, 2 1/4-inch.	".....	1.50
Cannas, large flowering, mixed.....	".....	1.00
Mesembryanthemum Erectum, 2 1/4-inch.....	".....	1.50
California Moss.....	".....	1.50
Lycopodium Dent.....	".....	1.50
Alternanthera, 4 varieties.....	".....	1.50
Feverfew, Little Gem.....	".....	1.50
Feverfew, yellow foliage.....	".....	1.50
Dusty Miller.....	".....	1.50
Cigar Plant.....	".....	1.50
Vinca, variegated, trailing.....	".....	2.00
Ferns, mixed, our selection, 2 1/2-inch.....	".....	5.00
Lobelia, Crystal Palace Gem.....	".....	1.50
Five plants at 100 rates. All our Plants are in A1 condition.		

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MORRIS, ILL.

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We Are Headquarters

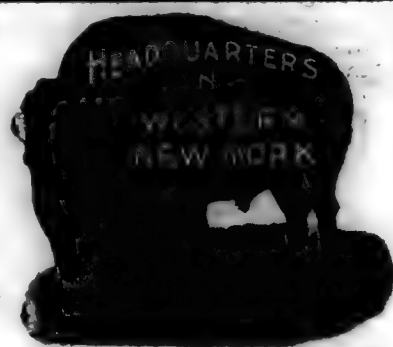
for all the best novelties of the season in
Chrysanthemums, Carnations and Geraniums.
Catalogue free on application.

NATHAN SMITH & SON, Adrian, Mich.

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GIVE US
A
TRIAL.
WE CAN
PLEASE
YOU.

Roses,
Carnations
and all
kinds of
Seasonable
Flowers
in stock.



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Also Dealer in Florists' Supplies and Wire
Designs.

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JOHN B. FERGUSON,
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We Command a Good Market.

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Long's "Handy" Order Sheets

The practical leaders to correct order taking in
hurried hours. **Single sample free.**

Pad of 100 sheets, mailed for 24 cents in stamps.

Ten Pads (1000 sheets), by express, \$1.75.

DAN'L B. LONG, Publisher, BUFFALO, N. Y.

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Cut Flower Exchange,**404 - 412 East 34th St., New York.**

NEAR THE FERRY.

Open Every Morning at 6 o'clock for the sale of
CUT FLOWERS.

Wall space for Advertising purposes to Rent.

J. DONALDSON, SECRETARY.

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INFORMATION to growers, ship-
pers, buyers given on any point in
the trade on request. Remember
Mr. Kennicott is always ready to favor
all alike. Remember our address, 42 and
44 East Randolph Street, Chicago.

KENNICOTT BROS. CO.**42-44 E. Randolph St., Chicago.**

**VERBENA KING.**

The largest Verbena grower in the world (Bros. & Sisters); we have them, too, the very best mammoth named vars. on earth and sure to please you at the following prices—60c per 100, \$5.00 per 1000; 5000 for \$22.00; 10,000 for \$40.00.

Write for prices on larger lots.

Look here! we pay express charges on all

Rooted Cuttings, and beside, we guarantee satisfaction in every shape and manner and we will do it for

Carnations--Rooted Cuttings.

Flora Hill—\$1.50 per 100; \$14.00 per 1000.

Lizzie McGowan—\$1.00 per 100; \$9.00 per 1000.

Wm. Scott—\$1.00 per 100; \$9.00 per 1000.

AGERATUM—Cope's Pet, blue; Lady Isabel, white; 6c per 100; \$5.00 per 1000.

DAISIES. California, White, Yellow Castle, Yellow, the best all-round Daisies, both stand the heat and dry weather. Well-rooted Cuttings, \$1.00 per 100; \$9.00 per 1000; 2-in. strong, \$2.00 per 100. Send for list. **THAT CASH, PLEASE.**

We pay the express on all Rooted Cuttings. Our guarantee goes with everything we send out.

C. HUMFELD, Clay Center, Kan.

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NOW IS THE TIME TO BUY

ASPARAGUS

Plumosus Nanus Seed (home grown), every seed will germinate, \$1 per 1000; \$9 per 10000. Asparagus Sprenger Seed, new crop, 75c per 1000; \$6 per 10000.

HENRY F. MICHELL

1018 Market St., Phila.

WHOLESALE AND RETAIL SEEDS BLINDLY

SHIPPED TO OUR CUSTOMERS AND TO AGENTS.

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PLANTS AND CUTTINGS....

Begonias, best flowering varieties, 4-in. pots, \$1.00 per doz., \$3.00 per 100. Umbrella Plants, 4-in. pots, \$1.00 per doz., \$3.00 per 100. Ferns, Pteris tremula, 2-in. pots, 50c per dozen, \$4.00 per 100. Vincas, center of foliage yellow, 2½-in. pots, 50c per doz., \$3.00 per 100. Geraniums, best bedding varieties mixed, in fine growing condition, 2-inch pots, \$2.50 per 100. Geraniums, rooted cuttings, \$1.50 per 100. Rooted cuttings of Fuchsias, Heliotrope, Chrysanthemum frutescens, per 100, \$1.00. Rooted cuttings of Alternanthera, red and yellow, Ageratum, blue and white dwarf, Micanthea, Coleus, best bedders, 50c per 100. Carnation Mrs. Fisher, rooted cuttings from soil, \$1.25 per 100.

C. LENGENFELDER, ELGIN, ILL.

DON'T FORGET stock has been and still is scarce. But you can safely order from us, and if in this part of the country we will have it, and take care of your order in A1 shape.

KENNICOTT BROS. CO.

42-44 E. Randolph St., Chicago.

Geraniums.

Best bedding kinds, mixed, from

2 to 2½-inch pots, at \$2.50 per 100.

ROOTED CUTTINGS OF LIZZIE MCGOWAN CARNATION, at \$5.00 per 1000. Cash.

B. F. MUSCHERT, - - Penn Valley, Pa.

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VERBENAS

The Finest in the Land. Pot Plants, \$2.50 per 100; \$20 per 1000. Rooted Cuttings, \$1 per 100; \$6 per 1000.

COLEUS

Rooted Cuttings, \$1 per 100; \$7.50 per 1000. Pot Plants, \$3 per 100; \$25 per 1000.

Latania Borbonica.

3 in., \$8.00 per 100—4 in., \$18.00; 5 in., \$1.50 per doz.; 6 in., \$8.50 per doz.

Chrysanthemums.**Pot Plants.**

Col. Smith, E. Dailedouze, Frank Hardy, Evangeline, Glory of Pacific, Golden Wedding, Golden Trophy, Helen Bloodgood, Ivory, Jennie Falconer, Louis Boehmer, Mrs. Murdoch, Major Bonaffon, Modesto, Maria Henderson, Marquis de Montmort, Mrs. C. H. Pierce, Mrs. Martin Ryerson, Mrs. Robinson, Niveus, Queen, Sunrise, Snow Queen, Vivand-Morell, V.H. Hallock, Wm. Simpson, W. H. Lincoln, Wm. H. Chadwick, Western King, Yellow Fellow, Yellow Queen.

\$3.00 per 100.

Carnations.**Rooted Cuttings.**

Scott, Pierson McGowan, Helen Keller, Ivory, \$1.50 per 100; \$10.00 per 1000. Mayor Pingree, Flora Hill, Daybreak, Mrs. Chas. Duehme, \$2.00 per 100.

Petunias.

Dreer's Set, \$1.00 per 100 Double White, 4.00

Cineraria.

\$3.00 per 100. 8 inch, \$5.00 per 100 4 " 10.00

Heliotrope.

Czar, Czarina and five other fine sorts, \$3.00 per 100.

Oleanders.

Very fine Double Pink and Double White, \$8.00 per 100.

Geraniums.

Mt. of Snow—Happy Thought, \$4.00 per 100. Mrs. Parker, \$3.00 per 100. Mrs. Pollock, \$5.00 per 100. Mme. Salleron, Rose and Ivy Geraniums—Sou. de Chas. Turner, \$3.00 per 100. S. A. Nutt, Master Christine, Queen of the West, Queen of Belgians, etc., all colors, \$3.00 per 100. A. Riccard, Athlete, Beaute de Poitevine, Pres. Leon Picas, E. G. Hill, J. J. Harrison, \$4.00 per 100.

Miscellaneous Roses.

Per 100. Bride and Bridesmaid, \$3.00. " " " 3 in., strong 3.00. Hermosa and Souper, 4.00. Monthly, in variety, 3.00. H. P.'s such as Jack, Dinsmore, Paul Neyron, 5.00. H. P.'s in variety, 4.00.

W. L. SMITH, Aurora, Ill.

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SEEDS

Send for our new 1900 Catalogue, which lists the Finest Strains of Seeds for Florists; in fact, everything for the FLORIST.

We call your attention to a few varieties of Seeds, of which we have exceptionally fine strains:

GREVILLEA, SMILAX, CENTAUREA,

COSMOS, HOLLYHOCKS, ASP. SPRENGERII,

NASTURTIUMS, ASTERS, PANSIES, SWEET PEAS.

BUY ONLY HUNT'S RIBBONS. See Page 13 in the Catalogue.

Send Your Orders to **E. H. HUNT**, and they will have Prompt Attention.

E. H. HUNT, 76-78 Wabash Ave., CHICAGO.

Our Wire Work Lists are the Best in the Country.

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STOP, LOOK AND THINK!

PRIMROSES for Easter Blooming

At \$2.00 per hundred.

SEE OUR LAST WEEK'S "AD." FOR BARGAINS. Write us.

GREENE & UNDERHILL, - - WATERTOWN, N. Y.

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Howard's VERBENA Royal Splendor SEED

Large flowers, great variety and richness of colors, compact habits. Grown and selected by myself for 25 years. Florists pronounce my Verbena Seed the finest strain in cultivation. Choice mixed colors, per trade pkt., 35c.

A. B. HOWARD, Belchertown, Mass.

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...MAMMOTH VERBENAS...

Mammoth Verbenas, large rooted plants, 60c per 100, \$5 per 1000. Cyclamen, 3-in., \$5 per 100; in bud and bloom, 4-in., \$1.25 per doz. Geraniums S. A. Nutt, Grant, LaFavorite, Hill and Pink, 3-in., \$3 per 100. Stocks, white or mixed, double, 2-in., \$1.50 per 100. Rooted Cuttings—Double and single Petunias, mixed, \$1 per 100. Ageratum Princess Pauline, 70c per 100. Lobelia, \$1 per 100.

SAMUEL WHITTON, 15-17 Gray Ave., UTICA, N. Y.

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GRAND RAPIDS, MICH.

The weather is of that kind that darkens the houses, freezes the glass, covers all nature with drifting flurries of snow; flowers refuse to bloom under such conditions, and are consequently scarce, while shipping orders are more numerous than any time since the holidays.

Roses are still off crop; carnations, except red, about equal to demand, while violets are not blooming near as freely as last week.

American Beauties are selling from 25 to 75 cents each; other roses, \$1.50 per doz.; Harrisii, \$2; violets, 20 cents; Romans and valley, 75 cents per doz.

The repotting of geraniums and other bedding stock has begun and from now on until the robins sing it will be one continuous hustle to get every line of stock in proper condition for spring trade. GEO. F. CRABB.

WELLSVILLE, O.—W. A. Herbert reports that trade in cut flowers is very good, in fact better than ever before.

CHARLOTTE, N. C.—E. J. Bush has added a rose house, 20x100, and a carnation house, 15x100. This is good evidence of increased business, and trade at the holidays was never better. The issuing of an annual general list to amateurs has been found to be a profitable plan.

Ethel Crocker. Absolutely the Best Pink Carnation ever offered the trade.

A fact fully borne out by its record, being equally good with Craig, Hill and myself (an assurance that it is not a success in one soil and a failure in another.) By its having been shown at the flower shows and clubs since early in September (an assurance that it is not a good late carnation but an all season variety.)

In color, size, fragrance and stem it is just what the "storemen" want. In habit, constitution and freedom of bloom it is just what the grower wants. It produces more flowers to the square foot than any other known variety, and is never out of crop from September to July.

With 18,000 stock plants to work from there is no danger of it being overpropagated, and all orders entrusted to me will be filled with cuttings selected from the plants and also in filling the order, by myself, thus doubly assuring good stock. Honest sample blooms furnished prepaid at \$1.00 per dozen, amount deducted from all orders for 100 or over. Up to date every sample excepting one out of several hundred sent has brought an order.

Price per 100, \$10.00; per 25, \$2.50. Per 1000, \$75.00; per 250, \$18.75. HERR'S PANSIES, good little plants at 75c per 100; \$4.00 per 1000.

Price list of standard varieties ready now.

ALBERT M. HERK, Lancaster, Pa.

Mention The Review when you write.

WE ARE about to go into the handling of Carnation Cuttings and we can assure you that our arrangements are as complete as in anything we do; under the old saying, "be sure you are right, then go ahead."

KENNICOTT BROS. CO.
42-44 E. Randolph St., Chicago.

NEW CROP WINTER BLOOMING CARNATION SEEDS.....

Hand Fertilized. 25 cents per 100.

CASH WITH ORDER.

AMERICAN ROSE COMPANY,
WASHINGTON, D. C.

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CARNATIONS...

LARGE STOCK OF STRONG
ROOTED CUTTINGS NOW READY

G. H. Crane, Morning Glory, Maceo, Glacier, Gomez, America, Red Mrs. Bradt (or Chicago), Mary Wood and other good standard sorts.

Mrs. Geo. M. Bradt for March delivery — all the early stock sold.

FIVE 1900 NOVELTIES.

Mrs. Thos. Lawson, Ethel Crocker, The Marquis, Olympia and Genevieve Lord. At introductory prices.

We make a Specialty of Rooted Cuttings, and have three houses of stock growing for that purpose only.

SEND FOR DESCRIPTIVE PRICE LIST.

F. DORNER & SONS CO., LaFayette, Ind.

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NEW CARNATIONS...

FLOWERING FOURTH YEAR.

"Lady Minto."

Flower 2½ to 3 inches. Pure white ground and not too heavily penciled red. Fragrant. Free and continuous bloomer. Good calyx and long, stiff stem.

This handsome flower is a favorite, sells on sight and will be found in the front rank of the variegated sorts.

"Lady Van Horne."

Unquestionably of the purest shade of cerise pink, and magnificently brilliant when seen by artificial light.

A perfectly symmetrical flower, 2½ to 3 inches, on long, stiff, wiry stem, and no bursting of calyx. Early and continuous. An ideal flower in every respect.

\$7.50 per 100; \$60.00 per 1000.

MILLER & SONS,

Canada.

Bracondale, Ont.

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ELM CITY A Grand New White....

Carnation

Seedling of Lizzie McGowan and Mme. Diaz Albertini, in its fifth year.

The flowers are large, finely shaped and of strong fragrance. Petals are heavy, of good substance and nicely fringed. Calyx is very strong, after the style of Mme. Albertini, and none bursting; the stem strong, holding the flower erect. The plant is a good grower and free bloomer, not subject to stem rot or any disease. Rooted Cuttings ready February 1st, \$1.50 per doz., \$10 per 100, or \$70 per 1000. Cash with order. We shall prepay the express where money accompanies the order. Orders filled in rotation.

M. E. KRAUS, 320 Davenport Ave., NEW HAVEN, CONN.

Mention The Review when you write.

NEW LIGHT PINK CARNATION Genevieve Lord

Peerless in its class. The coming light pink. As a commercial variety it will score its greatest triumph. As an exhibition variety it will take care of itself. Its reputation is already made. We recommend it to you as being first-class in every way. It has won highest honors wherever exhibited. In a word it is the light pink par excellence. Better than Scott in its palmy days. There will be no attempt to over-propagate it. First come, first served. Send for complete description.

\$75.00 per 1000; \$10.00 per 100; \$2.00 per doz.

Also Mrs. Thos. W. Lawson,
Ethel Crocker, Olympia, Marquis,
J. Whitecomb Riley, Chicago and
Estelle at introducers' prices.

PLEASE NOTE—Stock for delivery prior to March 15th all sold.
Are now booking orders for that date and later. Stock is
going fast. Don't delay.

H. WEBER & SONS, Oakland, Md.

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**100,000
R. C.
Carnations
Ready TO SHIP**

Early orders get the best stock.

	Per 100
Mrs. Thos. W. Lawson	\$14.00
Ethel Crocker, pink	10.00
Olympia, variegated	12.00
The Marquis, pink	10.00
Genevieve Lord, pink	10.00
G. H. Crane, scarlet	5.00
America, scarlet	4.00
Melba, light pink	3.00
Mrs. G. Bradt, variegated	3.00
Glacier, white, fine	3.00
Maud Adams, dark pink	3.00
Gomez, dark red	4.00
Mrs. F. Joost, pink	2.50
Gold Nugget, yellow	3.00
Argyle, pink, fine	1.50
Triumph, pink	1.50
Daybreak, shell pink	1.00
Empress, dark red	1.00
Flora Hill, white	1.25
White Cloud, white	2.50
Mary Wood, white, fine	3.00
Jubilee, scarlet	1.50
Psyche, variegated	1.00
Gen. Maceo	4.00
Armazindy	1.50

12 cuttings at 100 rate.
All Cuttings Warranted A1.

The Morris Floral Co.

MORRIS, ILL.

Mention The Review when you write.

Carnation Cuttings...

NOW READY.

Jubilee, White Cloud, Daybreak, Flora Hill and other standard varieties. Write for prices. We control the original stock of MME. CHAPMAN the Grand Rapids pink sport of D. B.

CRABB & HUNTER, Grand Rapids, Mich.

Mention The Review when you write.

For Spring Planting. The Reliable new **EVER BEARING PEACH**, also the **ELBERTA** and other choice varieties. **JAPAN PLUMS**, all the most approved sorts. Select assortment small fruits. Prices for above very reasonable. Address

MILFORD NURSERIES, - Milford, Del.

Mention The Review when you write.

Carnation Cuttings.

	Per 100	Per 1000		Per 100	Per 1000
MRS. LAWSON	\$14 00	\$120 00	FLORA HILL	\$2 00	\$15 00
G. H. CRANE	5 00		GOLD NUGGET	2 00	15 00
AMERICA	5 00	40 00	TRIUMPH	2 00	15 00
MELBA	4 00	30 00	DAYBREAK	1 25	10 00
LESLIE PAUL	4 00	30 00	ARGYLE	1 25	10 00
GOV. GRIGGS	4 00	30 00	ARMAZINDY	1 25	10 00
MRS. BRADT	4 00	35 00	LIZZIE MCGOWAN	1 00	7 50
FRANCES JOOST	2 00	15 00	EVELINA	1 00	7 50
EVANSTON	2 00	15 00	MAYOR PINGREE	1 00	7 50
JUBILEE	2 00	15 00	WM. SCOTT	1 00	7 50
VICTOR	2 00	15 00	NIVEA	1 00	7 50
WHITE CLOUD	2 50	20 00	MORELLO	1 00	7 50

Rose Cuttings.

METEOR	per 100, \$1 50	PERLE	per 100, \$1 50
BRIDESMAID	" 1 50	GOLDEN GATE	" 2 50
BRIDE	" 1 50		

Write for prices on large lots.

All Cuttings sold with the express understanding that if not satisfactory they are to be returned at once, when money will be refunded.

PETER REINBERG, 51 Wabash Avenue, CHICAGO.

Mention The Review when you write.

NEW CARNATIONS.

We are now ready to receive orders for strong rooted CUTTINGS.....

GEN. MACEO } \$1 per doz., \$6 per 100, \$50 per 1000.
G. H. CRANE }
GLACIER }
MORNING GLORY. }

GEN. GOMEZ } 75c per doz., \$5 per 100, \$40 per 1000.
MRS. G. M. BRADT }

WHITE CLOUD } 50c per doz., \$4 per 100, \$30 per 1000.
GOLD NUGGET }

25 at 100 rate. 250 at 1000 rate.

We have Fine Large Stocks and will deliver only Fine, Strong, Well-Rooted Cuttings.

THE COTTAGE GARDENS, - QUEENS, N. Y.

Mention The Review when you write.

FIELD GROWN CARNATIONS

BEST NEW AND STANDARD VARIETIES.
Write for catalogue and prices.

W. P. PEACOCK, ATCO, N. J.

Mention The Florists' Review when writing advertisers.

CARNATIONS Rooted Cuttings

of all the NEW and LEADING VARIETIES. Send for prices.

GEO. HANCOCK & SON, GRAND HAVEN, Mich.

Mention The Review when you write.

Always mention the Florists' Review when writing advertisers.

CLASSIFIED PLANT ADVERTISEMENTS.

Rate for advertisements under this head, 10 cents a line net, per insertion. New advs. and changes must reach us by Wednesday morning at latest to secure proper classification in issue of Thursday.

ACALYPHA.

Acalypha Sanderi, fine 2½-in. plants, \$3.00 per 100.
The Conard & Jones Co., West Grove, Pa.

AGERATUM.

Ageratum Princess Pauline, the only one to grow. Extra strong, 2½-in., \$2.50 per 100.
South Side Floral Co., Springfield, Ill.

Ageratum, rooted cuttings, blue and white, \$1.00, Princess Pauline \$1.25 per 100,
Greene & Underhill, Watertown, N. Y.

Cope's Pet, blue; Lady Isabel, white, 60c per 100; \$5.00 per 1000.
C. Humfeld, Clay Center, Kans.

Princess Pauline, rooted cuttings, 70c per 100. S. Whitton, 15-17 Gray Ave., Utica, N. Y.

Rooted cuttings, 60 cts per 100; \$5.00 per 1000.
C. L. Brunson & Co., Paducah, Ky.

Princess Pauline, 2½-in., \$3.00 per 100.
National Plant Co., Dayton, Ohio.

ALTERNANTHERA.

40,000, 4 varieties, red, yellow, pink and large pink leaved, strong, full of cuttings; were potted last August, 2½-in., \$2.00 per 100.
Morris Floral Co., Morris, Ill.

Alternanthera, rooted cuttings, summer struck, \$1.00 per 100; \$9.00 per 1000.
Greene & Underhill, Watertown, N. Y.

Red and yellow, rooted cuttings, 50c per 100.
C. Langenfelder, Elgin, Ill.

ALYSSUM.

Rooted cuttings, Giant alyssum, \$1.00 per 100; \$3.00 per 1000.
C. L. Brunson & Co., Paducah, Ky.

ANTHERICUM.

Anthericum, 2-in., \$3.00 per 100.
Greene & Underhill, Watertown, N. Y.

ASPARAGUS.

Fresh seed, A. Sprenger, 75 cts per 100; \$6.00 per 1000. Plumosus nanus, \$1.25 per 100; \$10.00 per 1000. H. H. Berger & Co., 47 Barclay St., New York.

350 Asparagus Sprenger, 4-in. pots, \$6.00 per 100. Cash with order.
Floracraft Gardens, Moorestown, N. J.

6-ft. strings, 35c each; 8 to 12-ft. strings, 45c each. Cash. H. M. Altick, Dayton, O.

Asparagus Sprenger, fresh seed, 60c per 100.
Jno. G. Heini & Son, Terre Haute, Ind.

BEGONIAS.

Single Rose, scarlet, white, yellow and orange, 40c per doz.; \$2.50 per 100; \$20.00 per 1000. Singles in choicest mixture, 35c per doz.; \$2.00 per 100; \$18.00 per 1000. Double Rose, scarlet, white and yellow, 65c per doz.; \$5.00 per 100; \$40.00 per 1000. Doubles in choicest mixture, 50c per doz.; \$4.00 per 100; \$35.00 per 1000.
H. A. Dreer, 714 Chestnut St., Philadelphia.

Rex Begonias, 8000 fine plants out of cutting bench, 2c; 500 2 and 2½-in. strong plants, fine, 5c; 500 2½-in., strong plants, leaves damaged, 2c. John C. Engelhorn, Gallon, O., successor to Fisher & Son. Cash with order, please.

Begonia tuberosus, single colors, separate. Per 100, English strain, \$3.50; Belgian, \$2.50. Double colors, separate, English strain, \$5.00; Belgian, \$4.00.
Bobbink & Atkins, Rutherford, N. J.

Begonia Rex, assorted, 2½-in., \$4.00; named, \$6.00. Rooted cuttings, Erfordil, Rex, Incarnate gigantea, \$2.00 per 100.
Greene & Underhill, Watertown, N. Y.

Tuberosus rooted Begonias. Single, separate varieties, \$25.00 per 1000; double, separate varieties, \$40.00 per 1000.
F. W. O. Schmitz, Jersey City, N. J.

Rubra begonia, 2½-in. pots, \$3.00 per 100; 3-in. pots, \$4.00 per 100. The National Plant Co., Dayton, O.

Strong, 3½ and 4-in., \$1.00 per doz.; mixed, 3-in., 75c. A. Brumley, Birmingham, Iowa.

Best flowering varieties, 4-in., \$1.00 per doz.; \$5.00 per 100. C. Langenfelder, Elgin, Ill.

15 varieties, flowering, named, 2½-in., \$1.50 per 100. Morris Floral Co., Morris, Ill.

BOUGAINVILLEAS.

Bougainvillea Sanderiana, strong, from 2-inch pots, 24-30 inches, \$3.00 per 100.
P. J. Berckmans Company, Augusta, Ga.

The Florists' Manual, by William Scott, is a complete reference book for commercial florists.

BULBS.

Gladiolus, The Bride, \$5.00 to \$7.00 per 1000. All colors, mixed, No. 1, \$9.00 per 1000; all colors, mixed, No. 2, \$7.50 per 1000; light and white, \$14.00 per 1000. Tuberose, The Pearl, 4x6, \$6.50 per 1000. All varieties of lilies on hand. F. W. O. Schmitz, Jersey City, N. J.

Double Pearl Tuberose bulbs, good, sound, reliable bloomers. No. 1, 4-in. and up, \$1.00 per 100; \$6.00 per 1000. No. 2, 3 to 4-in., 50c per 100; \$3.00 per 1000. The latter all good blooming bulbs. Chas. Black, Hightstown, N. J.

We have still on hand some of our Lily of the Valley pipe, the finest that comes to this country at \$10.00 per 1000; case of 3000 at \$9.00 per 1000. J. M. Thorburn & Co., 36 Cortlandt St., New York.

R. Van Der Schoot & Son, Wholesale Bulb Growers, Hillegom, Holland. Our bulb stocks, now covering an area of over 150 acres, are at present the largest of Holland. Est. 1830.

California grown bulbs. Send for our special trade list.
California Nursery Co., Niles, California.

We are headquarters for Tuberose Bulbs. Write for prices.
T. W. Wood & Sons, Richmond, Va.

Armstrong's ever-blooming tuberose. Now ready, \$4.00 per 100.
Luther Armstrong, Kirkwood, Mo.

Spotted leaf Calla bulbs, 50c per doz.; \$2.00 per 100.
S. J. Galloway, Eaton, Ohio.

Bulbs and Plants for Fall and Spring delivery. C. H. Joosten, Importer, 85 Dey St., N. Y.

CALADIUMS.

Fancy leaved Caladiums, 30 choice varieties, \$2.00 per doz.; \$15.00 per 100.
H. A. Dreer, 714 Chestnut St., Philadelphia.

Caladiums, fancy named sorts, large, dry bulbs now ready, \$10.00 per 100.
P. J. Berckmans Company, Augusta, Ga.

CANNAS.

The good old standard varieties and three new ones. See display adv. in this issue.
Rowehl & Granz, Hicksville, N. Y.

10 varieties, all mixed, single eyes, \$1.00 per 100.
Morris Floral Co., Morris, Ill.

If you read these advs. others would read yours.

CARNATIONS.

Rooted cuttings. Ethel Crocker, \$2.50 per 25; \$10.00 per 100; \$18.75 per 250; \$75.00 per 1000. The Marquis and Genevieve Lord, \$10.00 per 100; \$75.00 per 1000. Olympia, \$12.00 per 100; \$100.00 per 1000. Mrs. Thos. Lawson, \$14.00 per 100; \$120.00 per 1000. America, \$5.00 per 100; \$40.00 per 1000. G. H. Crane, \$6.00 per 100; \$50.00 per 1000. Jubilee, \$2.00 per 100; \$15.00 per 1000. White Cloud, \$3.50 per 100; \$30.00 per 1000. Flora Hill, \$1.50 per 100; \$10.00 per 1000. John Young, \$2.00 per 100; \$15.00 per 1000. McGowan, \$10.00 per 1000. Argyle, \$2.00 per 100; \$15.00 per 1000. Mrs. Joost, \$2.50 per 100; \$20.00 per 1000. New York, \$2.00 per 100; \$20.00 per 1000. Daybreak, \$1.50 per 100; \$10.00 per 1000. Victor, \$1.50 per 100; \$12.50 per 1000. Wm. Scott, \$10.00 per 1000. Mrs. Bradt, \$5.00 per 100; \$40.00 per 1000. Armazindy, \$1.50 per 100; \$10.00 per 1000.
H. F. Littlefield, Worcester, Mass.

Carnation cuttings. Mrs. Lawson, \$14.00 per 100; \$120.00 per 1000. G. H. Crane, \$5.00 per 100; America, \$5.00 per 100; \$40.00 per 1000.

Melba, Leslie Paul and Gov. Griggs, \$4.00 per 100; \$30.00 per 1000. Mrs. Bradt, \$4.00 per 100; \$35.00 per 1000. Frances Joost, Evanston, Jubilee, Victor, \$2.00 per 100; \$15.00 per 1000. White Cloud, \$2.50 per 100; \$20.00 per 1000.

Flora Hill, Gold Nugget and Triumph, \$2.00 per 100; \$15.00 per 1000. Daybreak, Argyle and Armazindy, \$1.25 per 100; \$10.00 per 1000. McGowan, Evelina, Pingree, Scott, Nivea and Morello, \$1.00 per 100; \$7.50 per 1000.

All cuttings sold with express understanding that if not satisfactory they are to be returned at once and money will be refunded.
Peter Reinberg, 51 Wabash Ave., Chicago.

New carnations. We are now ready to receive orders for strong rooted cuttings. Gen. Maceo, G. H. Crane, Glacier, Morning Glory, \$1.00 per doz.; \$6.00 per 100; \$50.00 per 1000. Gomes, Bradt, 75c per doz.; \$5.00 per 100; \$40.00 per 1000. White Cloud, Gold Nugget, 50c per doz.; \$4.00 per 100; \$30.00 per 1000. Mrs. James Dean, \$3.00 per 100; \$25.00 per 1000. Mrs. Thos. W. Lawson, \$3.00 per doz.; \$14.00 per 100; \$120.00 per 1000. Olympia, \$2.00 per doz.; \$12.00 per 100; \$100.00 per 1000. Marquis, Genevieve Lord, Ethel Crocker, \$2.00 per doz.; \$10.00 per 100; \$75.00 per 1000. 25 at 100 rate, 250 at 1000 rate. We have fine large stocks and will deliver only strong, well rooted cuttings.
The Cottage Gardens, Queens, N. Y.

Rooted cuttings. White Cloud, Mary Wood, Triumph, Frances Joost, Cerise Queen, Painted Lady, Gold Nugget, Empress, \$2.50 per 100; \$20.00 per 1000.

Flora Hill, Scott, Daybreak, \$1.50 per 100; \$10.00 per 1000. Psyche, Armazindy, \$1.50 per 100; \$12.00 per 1000.

G. H. Crane, Leslie Paul, \$5.00 per 100; \$45.00 per 1000. America, Mrs. Bradt, \$5.00 per 100; \$40.00 per 1000. Red Bradt, \$10.00 per 100; \$75.00 per 1000. Jubilee, \$2.00 per 100; \$15.00 per 1000.

Mrs. Thos. W. Lawson, Olympia, The Marquis and Ethel Crocker, at introducers' prices. Bassett & Washburn, 76-78 Wabash Ave., Chicago.

Carnation cuttings. G. H. Crane, \$5.00 per 100; Mrs. Bradt, \$4.00 per 100; White Cloud, Mrs. Joost, Triumph and Evanston, \$2.50 per 100; \$20.00 per 1000. Gold Nugget, Mrs. McBurney and Jubilee, \$2.00 per 100; \$15.00 per 1000. Flora Hill, Daybreak, Argyle and Armazindy, \$1.25 per 100; \$10.00 per 1000. McGowan, Evelina, Mayor Pingree, Painted Lady, Wm. Scott, Tidal Wave and Morello, \$1.00 per 100; \$7.50 per 1000. All rooted cuttings sold under the condition that if not satisfactory they are to be returned at once and money will be refunded.
George Reinberg, 51 Wabash Ave., Chicago.

The new light pink carnation, Genevieve Lord is the coming light pink and we recommend it to you as being first class in every way. It has won highest honors where ever shown. Better than Scott in its palmist days. There will be no attempt to over propagate it. First come, first served. \$75.00 per 1000; \$10.00 per 100; \$2.00 per doz. Stock for delivery prior to Mar. 15th all sold. Are now booking orders for that date and later. Send for complete description. Also Mrs. Thos. W. Lawson, Crocker, Olympia, Marquis, J. Whitcomb Riley, Chicago and Estelle at introducers' prices.
H. Weber & Sons, Oakland, Md.

Carnation Cuttings. Ready to ship now, guaranteed well rooted or money refunded. "Old Chestnut," but we say express man must allow purchaser to examine cuttings before accepting and if not satisfactory take the same back. White Cloud, \$2.50 per 100. Gomez, \$4.00 per 100. Melba, \$4.00 per 100. Flora Hill, \$1.50 per 100. Mrs. Joost and Victor, \$2.50 per 100; \$20.00 per 1000. Mayor Pingree, \$1.00 per 100; \$7.50 per 1000. Daybreak, \$1.25 per 100; \$10.00 per 1000. Scott, \$7.00 per 1000. Cash with order. Carl E. Taube, Mercer Floral Co., Trenton, N. J.

Rooted cuttings now ready of the following kinds: Flora Hill, \$1.25 per 100; White Cloud, \$2.50 per 100; John Young, \$2.00 per 100; Triumph, \$2.00 per 100; Daybreak, \$1.25 per 100; Jubilee, \$2.00 per 100; Eldorado, \$2.00 per 100; Evelina, Wm. Scott, Lizzie McGowan, and Nivea, each \$1.00 per 100.
S. Littlefield, North Abington, Mass.

PLEASE MENTION THE REVIEW WHEN WRITING ANY OF THESE ADVERTISERS.

CLASSIFIED PLANT ADVERTISEMENTS—CONTINUED.

Elm City, a grand new white carnation, seedling of Lizzie McGowan and Albertini, in its fifth year. The flowers are large, finely shaped and very fragrant. Petals are heavy, of good substance, nicely fringed. Calyx, strong, after the style of Albertini, none bursting. Stem strong, holding the flower erect. The plant is a good grower and free bloomer. Rooted cuttings ready Feb. 1 at \$1.50 per doz.; \$10.00 per 100; \$70.00 per 1000. We prepay the express when money accompanies the order. M. E. Kraus, 320 Davenport Ave., New Haven, Conn.

Large stock of strong rooted cuttings now ready. G. H. Crane, Morning Glory, Maceo, Glacier, Gomez, America, Red Mrs. Bradt (or Chicago), Mary Wood and other good standard sorts. Mrs. Geo. M. Bradt for March delivery, all the early stock sold.

Five 1900 novelties, Mrs. Thos. W. Lawson, Ethel Crocker, Olympia and Genevieve Lord at introductory prices. Send for descriptive price list.

F. Dorner & Sons Co., Lafayette, Ind.

Orders booked now in order of receipt for rooted cuttings of the famous Mrs. Thomas W. Lawson, the \$30,000 Queen of Carnations, for spring delivery, commencing Feb. 1, 1900. Prices to the trade only: Per dozen, \$3.00; per 100, \$14.00; per 1000, \$120.00; per 5000, \$500.00; per 10,000, \$800.00. Terms strictly cash or C. O. D. from unknown parties. Address all orders and make all remittances payable to Thos. F. Galvin, 124 Tremont St., Boston, Mass.

New Carnation Kittatinny. A new money making carnation; a white sport from Daybreak. Any one can grow it that can grow Daybreak, as it is identically the same in every respect except color, which is pure white; and with me it is a stronger grower and larger flower, and as a first-class all-round white can't be outclassed. Stock limited, and orders will be filled in strict rotation. Price per 100 rooted cuttings, \$6.00.

Geo. M. Emmans, Newton, N. J.

Well rooted cuttings. Peach Blow, Wm. Scott, L. McGowan, Bridesmaid, \$1.00 per 100; \$7.50 per 1000. Bridesmaid in pots, \$1.25 per 100. Rose Queen, Armazindy and Albertini, \$1.25 per 100; \$10.00 per 1000. Flora Hill, 2-in. pots, \$2.00 per 100. Emily Pierson and Kohinoor, \$1.50 per 100. Triumph, \$2.00 per 100. Any of above 50 cents extra, 2-in. pots. Cash with order. Logan Ave. Greenhouses, Danville, Ill.

Carnation cuttings, per 100: America, \$4.50; Melba, Mrs. Bradt, \$4.00; Mary Wood, White Cloud, Triumph, Victor, \$2.50; Gold Nugget, Jubilee, \$2.00; Daybreak, Flora Hill, \$1.25; McGowan, Tidal Wave, \$1.00. 5 per cent discount for cash. The new red carnation Catbird. As free a bloomer as Tidal Wave. Free from any disease. Good, strong stock from 2-inch pots. \$3.50 per 100, \$30.00 per 1000.

Lake Geneva Floral Co., Lake Geneva, Wis.

100,000 rooted cuttings, ready to ship. Early orders get the best stock. Mrs. Thos. W. Lawson, \$14.00 per 100; Olympia, \$12.00 per 100; Crocker, Marquis, Lord, \$10.00 per 100; Crane, \$5.00 per 100; America, \$4.00 per 100. 12 cuttings at 100 rate. All the other new and standard sorts, for prices see large adv.

Morris Floral Co., Morris, Ill.

Now ready, rooted cuttings. Maceo, Glacier, \$6.00 per 100; Evanston, \$2.50 per 100; Jubilee, Armazindy, Victor, A. Webb, \$2.00 per 100; F. Hill, Daybreak, Dana, Meteor, Morello, Cartledge, \$1.50 per 100; McGowan, Bridesmaid, Eldorado, Pingree, Portia, Jahn's Scarlett, Scott, \$1.00 per 100.

D. R. Herron, Olean, N. Y.

Healthy, strong rooted cuttings, grown cool, first crop from new house. Flora Hill, \$1.25 per 100; \$12.00 per 1000. Freedom, Daybreak and Wm. Scott, \$1.00 per 100; \$9.00 per 1000. Mrs. Fisher, 90 cts per 100; \$7.00 per 1000. Cash from unknown parties.

J. W. Howard, Russel St., Woburn, Mass.

Carnation cuttings. Strong, healthy, well rooted cuttings, from sand or soil, for immediate or future delivery. F. Joost, Genesee, Bon Ton, \$2.00 per 100; \$15.00 per 1000. Freedom, Victor, Express, Daybreak, \$1.25 per 100; \$10.00 per 1000. Cash with order.

C. F. Fairfield, Mgr., Springfield, Mass.

Chicago Carnation Co. The great and only carnation specialists. Cuttings now ready. For list see display adv. in this issue. Chicago Carnation Co. Greenhouses and address, Joliet, Ill.

Rooted cuttings, extra strong. Ready now. Daybreak, Jno. Young, Flora Hill, El. o. a. to, Freedom, Victor, \$1.50 per 100; \$12.00 per 1000. White Cloud, Frances Joost, \$2.50 per 100; \$20.00 per 1000. Dexter Purit, a good commercial scarlet, \$2.50 per 100.

S. J. Reuter, Westerley, R. I.

Ethel Crocker. Absolutely the best carnation ever offered the trade. \$10.00 per 100; \$75.00 per 1000. 250 for \$18.75; 25 for \$2.50. Honest sample blooms furnished prepaid at \$1.00 per doz.; amount deducted from all orders for 100 or over.

A. M. Herr, Lancaster, Pa.

Rooted cuttings of carnations. Both new and old varieties at lowest prices for good stock. Special rates on orders booked for future delivery. Satisfaction or money refunded. Geo. A. Rackham, 880 Van Dyke Ave., Detroit, Mich.

Orders booked now for rooted cuttings of Daybreak, McGowan, Silver Spray, Tidal Wave, Meteor and Scott, \$6.00 per 1000 and up. Express paid. Write for prices.

S. W. Pike, St. Charles, Ill.

Carnation cuttings now ready. Jubilee, White Cloud, Daybreak, Flora Hill and other standard varieties. We control the original stock of Mme. Chapman, the pink sport of Daybreak. Crabb & Hunter, Grand Rapids, Mich.

Freedom, Mangold, R. C., \$1.50 per 100; same and Daybreak, transpl., \$2.00 per 100. Cash. Write for list of others. W. G. Kraber, 35 Tremont St., New Bedford, Mass.

50,000 standard carnations, rooted cuttings, \$7.50 per 100. Descriptive list of 25 choice, up-to-date varieties. Cash.

South Side Floral Co., Springfield, Ill.

Rooted cuttings. Flora Hill, \$1.50 per 100; \$14.00 per 1000. Lizzie McGowan, Wm. Scott, \$1.00 per 100; \$9.00 per 1000.

C. Humfeld, Clay Center, Kans.

2000 Scott, strong, healthy, well rooted plants at \$5.00 per 1000; \$9.00 per 2000. For immediate delivery. Cash with order.

Chas. Black, Hightstown, N. J.

Scott, Pierson, McGowan, Helen Keller, Ivory, \$1.50 per 100; \$10.00 per 1000. Pingree, Flora Hill, Mrs. C. Duehne, \$2.00 per 100.

W. L. Smith, Aurora, Ill.

Mrs. Fisher Carnation. The best white for summer blooming. Rooted cuttings, 75c per 100; \$6.00 per 1000. S. H. North, Arlington, R. I.

Mrs. Fisher Carnations, fine summer bloomer, from soil, \$1.00 per 100; 2½-in. pots, \$2.00 per 100. Cash. Wm. Keir, Pikeville, Md.

Grallert & Co., carnation growers. Send for trade list. Standard varieties, leading novelties. Colma, San Mateo Co., Cal.

Rooted cuttings of all the new and leading varieties. Send for prices.

Geo. Hancock & Son, Grand Haven, Mich.

New crop winter blooming carnation seeds. Hand fertilized. 25c per 100. Cash.

American Rose Co., Washington, D. C.

Rooted cuttings of Lizzie McGowan at \$5.00 per 1000 cash.

B. F. Muschert, Penn Valley, Pa.

Best new and standard varieties. Write for catalogue and prices.

W. P. Peacock, Atco, N. J.

Mrs. Fisher, rooted cuttings, from soil, \$1.25 per 100.

C. Lengenfelder, Elgin, Ill.

For all the best novelties of the season write N. Smith & Son, Adrian, Mich.

CHRYSANTHEMUMS.

The new pink chrysanthemum, Miss Florence E. Denzer is the latest mum. Blooms for Christmas. See cut in Florists' Review of Dec. 21, '99. Rooted cuttings, \$3.00 per 100; 2½-in. pots, \$10.00 per 100. 30 other leading varieties, rooted cuttings, \$9.00 per 1000; 2½-in. pots, \$15.00 per 1000. Ready Mar. 20, 1900. Cash.

Anton C. Zvolanek, Summit Ave., West Hoboken, N. J.

"Little Chris," bloomed with us continuously from March until January. Plant dwarf, flowers small, white. Sold well at Easter and Decoration Day. Cut back plants from young growth from bottom, 4 and 5-in. pots, 25 and 35c each. Plants from 2-in. pots later.

W. T. Bell & Sons, Franklin, Pa.

Merry Xmas. Latest White, 2-in. pots. Montmort, early pink, \$2.00 per 100; Merry Monarch, early white; Bonaffon, the money maker. Cash with order.

Wm. Keir, Pikeville, Md.

Yellow Fitzwygram, the earliest yellow chrysanthemum. Young plants, \$7.00 per 100; \$60.00 per 1000. (200 at thousand rate.)

H. F. Littlefield, Worcester, Mass.

Rooted cuttings, Yellow Queen, Mrs. Robinson, G. Kalb, Merry Monarch, Bonaffon, Lager, \$1.00 per 100. Cash.

Dann & Son, Westfield, N. Y.

Good, stocky plants, all the leading varieties, \$2.00 per 100 clumps.

Converse Greenhouses, Webster, Mass.

We are headquarters for all the best novelties of the season in chrysanthemums.

N. Smith & Son, Adrian, Mich.

Pot plants, \$3.00 per 100. For list of varieties see display adv., this issue.

W. L. Smith, Aurora, Ill.

CINERARIAS.

Benary's, Cannell's and Sutton's prize strains, 2½-in., \$2.00 per 100; 3-in., \$3.00 per 100. Shellroad Greenhouse Co., Grange, Md.

500 extra strong, 2½-in., \$2.00 per 100.

South Side Floral Co., Springfield, Ill.

3-in., \$5.00; 4-in., \$10.00 per 100.

W. L. Smith, Aurora, Ill.

COLEUS.

Rooted cuttings, Verschaffeltii, Golden Bedder and Empress of India. All well rooted and equal to the best on the market. Price, \$1.00 per 100; \$7.50 per 1000. 500 at 1000 rate. Orders calling for 1000 or more will be sent F. O. B. New York City. Seawanhaka Greenhouses, Jas. C. Clark, Supt., Box 34, Oyster Bay, N. Y.

Coleus, Crimson Verschaffeltii and Golden Queen, \$7.00 per 1000, 75 cts per 100; 2-in. pots, \$1.50 per 100. Coleus in variety, \$5.00 per 1000, 60 cts per 100; 2-in. pots, \$1.25 per 100. Rooted cuttings except where noted. Cash with order.

J. E. Felthousen, Schenectady, N. Y.

20 new ones, all named, \$1.00 per doz.; \$4.00 per 100. 20 standard varieties, all named, \$2.00 per 100.

Morris Floral Co., Morris, Ill.

Fancy coleus, rooted cuttings, separate colors, 80c per 100; mixed, 60c per 100.

Greene & Underhill, Watertown, N. Y.

Verschaffeltii, Golden Bedder, Queen Victoria, 60c per 100; \$5.00 per 1000.

C. Otto Schwabe, Jenkintown, Pa.

Rooted cuttings, \$1.00 per 100; \$7.50 per 1000. Pot plants, \$3.00 per 100; \$25.00 per 1000.

W. L. Smith, Aurora, Ill.

20 varieties, 70c per 100; \$6.00 per 100. Express paid.

S. D. Brant, Clay Center, Kan.

Rooted cuttings, 50c per 100.

A. Brumley, Birmingham, Iowa.

Rooted cuttings, 50c per 100.

C. Lengenfelder, Elgin, Ill.

CUT BLOOMS.

Carnations and violets, fresh cut flowers, direct from grower. Orders filled on short notice. Princess of Wales violet plants from 2½-in. pots, \$2.00 per 100. Long distance 'phone.

Evenden Bros., Williamsport, Pa.

High grade carnation blooms. Standing orders solicited. Chicago Carnation Co. Greenhouses and address, Joliet, Ill.

Write Geo. A. Kuhl, Pekin, Ill., for prices on cut roses, carnations and bulb stock.

CYCAS.

Cycas Revoluta. The true long leaf variety, will arrive in April. Write for special prices to F. W. O. Schmitz, Jersey City, N. J.

CYCLAMEN.

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2000 Pteris " Compacta Nana, 2-in.....	2.00	25.00
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1500 Nephrolepis Bostoniensis, 2½-in.....	5.00	40.00
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Mrs. Parker, \$6.00; Happy Thought, Silver Leaf, 2½-in., Mrs. Pollock, 2½-in., \$4.00 per 100. Rooted cuttings, dbl. New Life, Mrs. Parker, dbl. pink silver leaf, \$4.00; Happy Thought, Freak of Nature, Mara, \$3.00; Mme. Bruant, \$2.50; Silver Leaf, rose scented, Bronze, \$1.50; Mme. Sallerol, \$1.25; assorted common, \$1.50; mixed, \$1.25; best varieties, \$2.00 per 100. Greene & Underhill, Watertown, N. Y.

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15 varieties, \$1.00 per 100.

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	Pot	H't.	Char.	Per	Per
	in.	in.		100.	1000.
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"	4	15-18	2-3	20.00	150
"	5	18-20	4-5	25.00	
Phoenix Canariensis,	4	15-18	4-5	15.00	
Seaforthia Elegans,	4	18-20	2	20.00	

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California Fan Palm. Washingtonia Filifera, from seed bed, one foot high, \$5 per 100, postpaid.

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Latania Borbonica, 3-in., \$8.00; 4-in., \$18.00 per 100. 5-in., \$4.50 per doz.; 6-in., \$8.50 per doz.

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Aspidistra, extra fine plants. Variegated, 10c per leaf, green, 6c per leaf.

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Excellent market varieties, free bloomers; Mme. Thibaut, Mme. Vibert, Duchesse of Edinburgh, La Vesuve Victor, Marie Mallet, Lord Salisbury, Daybreak and Sunset, \$4.50 per 100. Cash with order.

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30 varieties, every one fine, \$1.25 per 100.

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30 varieties, mixed, \$2.00 per 100.

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C. Lengenfelder, Elgin, Ill.

Dreer's set and dbl. white, \$4.00 per 100.

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New yellow Baby Primrose, 2½-in., \$7.00 per 100. Chinese, 2½-in., strong, \$1.50; Obconica, strong, 2½-in., \$2.00; 3½-in., \$2.50 per 100. From flats, strong, 50c. Chinese, in bud, and bloom, 3½-in., \$2.50 per 100.

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For Easter blooming, 2-in., \$2.00 per 100. In bud, 2½-in., \$3.00. Primula obconica, 2-in., \$2.00; in flats, \$1.50.

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150 Obconica grandiflora and 100 Forbesi at \$2.00 per 100. Cash please.

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Grafted roses, A No. 1 stock. Orders booked now. Brkde, Bridesmaid, Golden Gate, Kaiserin, 2½-in. pots, \$12.00 per 100; \$90.00 per 1000. Own roots, wood from grafted stock only, Bride, Bridesmaid, Kaiserin, Meteor, Bon Silene, 2½-in. pots, \$3.50 per 100; \$30.00 per 1000; Golden Gate, American Beauty, 2½-in., \$4.00 per 100.

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Rose cuttings. American Beauty, \$3.00 per 100; \$25.00 per 1,000. La France, \$2.00 per 100; \$17.50 per 1,000. Bride, Bridesmaid, Meteor and Perle, \$1.50 per 100; \$12.50 per 1,000.

All rooted cuttings sold under the condition that if not satisfactory they are to be returned a once and money will be refunded.

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Rooted rose cuttings. Get new blood in your roses. Our cuttings this year are made from grafted plants and only the best wood used. Our prices same as others. Brides, Maids, Meteors, \$1.50 per 100. The new crimson forcing rose Liberty at introducers' prices.

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Place your order now for Perle rose cuttings and plants. Remember they are from the "Perle King" of St. Louis and from prize winning stock. Rooted cuttings, \$1.75 per 100; \$15.00 per 1000. 2-in. pots, \$3.00 per 100; \$25.00 per 1000. Cash or satisfactory references.

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Prices for plants out of 2½-in. pots: 12 plants, 60c each; 25 plants, 50c each; 50 plants, 30c each; 100 plants, 25c each; 1000 plants, 20c each.

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Agents: J. C. Vaughan, Chicago, Ill.; J. N. May, Summit, N. J.; F. R. Pierson Co., Tarrytown-on-Hudson, N. Y.

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Large, strong, thrifty two-year field-grown roses, 75 varieties. We need the ground they occupy, and will sell very cheap. Write for prices. Juniata Rose Farm, P. O. Box 187, Atlanta, Ga.

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Crimson Rambler, strong plants, 3 to 4 ft., \$15.00 per 100; extra strong, 4 to 5 ft., \$18.00 per 100. The Conard & Jones Co., West Grove, Pa.

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Several thousand strong, field-grown, 2-year-old Zella Pradel rose plants, for sale at \$15.00 per 100.

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50,000 standard roses, rooted cuttings, \$12.50 per 100. Cash.

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Hardy roses in great variety.

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Manetti stocks for fall delivery.

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Salvia splendens, 2½-in., \$2.50 per 100; rooted cuttings, \$1.00 per 100.

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Salvia splendens, rooted cuttings, \$1.00 per 100; \$8.00 per 1000.

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Salvia, rooted cuttings, \$1.25 per 100.

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Clara Bedman, \$2.00 per 100.

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CLASSIFIED ADVERTISEMENTS—CONTINUED.

SEEDS—Continued.

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The finest Cosmos in the world. Splendid new varieties, "Pink Butterfly" and "White Pond Lily." Grand older varieties: Giant Red, Pink, White, separate and mixed; Tints of Dawn, New Marguerite Cosmos, Fringed, Orange, Yellow, Dreer's "Early Dawn," and all the older varieties. Grand New Giant White Poppy, "Maid of the Mist," New Dianthus, "Oriental Beauties." Seaforthia Elegans, fresh crop. Smilax, fresh. Other seeds in variety. Send for trade list to Mrs. Theodora B. Shepherd, Ventura-by-the-Sea, Cal.

Hybrid Begonia Seed. Now is the time to plant. These seeds were saved from choice varieties. Vulcan, Purity, and other giant-flowering varieties of the Vernon type, including the golden-leaved variety. Trade pkt., 25c. Make a note of this adv., it will not appear again. Benj. Wm. Sill, cor. Main and Remsen Sts., L. I. City, N. Y.

Our Specialties: Sweet peas, cosmos, hollyhock, verbena, aster, mignonette, etc.; onion, lettuce, celery, carrot, salsify, parsnip, lima beans, salt bush, bromus grass, Bermuda grass, Johnson grass, etc. All California grown. Perry Watson & Co., Sacramento, Cal.

Howard's Royal Splendor verbena seed. Large flowers, great variety, richness of colors, compact habits. Florists pronounce my verbena seed the finest strain in cultivation, choice mixed colors, per trade pkt., 35c.

A. B. Howard, Belchertown, Mass.

Seasonable seeds. Primula, Parsy, Verbena, Daisy, Sweet Peas, Nasturtium, and all spring seeds for florists. Write for our new list.

McKellar & Winterson, 45, 47, 49 Wabash Ave., Chicago.

Finest flower seeds and bulbs for florists. Vegetable and grass seeds. Poultry supplies and incubators. Send for catalogue. Jas. F. Diekmann Seed Co., 1110 No. 3rd St., St. Louis, Mo.

Asparagus plumosus nanus seed, home-grown, every seed will germinate, \$1.00 per 100 s.; \$9.00 per 1000 s. Sprenger seed, new crop, 75c per 100 s.; \$6.00 per 1000 s.

H. F. Michell, 1018 Market St., Phila., Pa.

Simple Asters, choicest home-grown seed, 25c per ¼ oz.; \$1.00 per oz., in white, shell pink and lavender. Catalogue of flower and vegetable seeds for florists and market gardeners sent on application.

W. C. Beckert, Allegheny, Pa.

200 pounds Cantaloupe seed for sale. Improved, netted Gem, single pound, by mail, 50 cts. Special price on 50 lbs. or more. John Monkhouse, Jewella, La. Cadco Nurseries.

Seeds for profit. Florists' flower seeds, Sweet Peas. Wholesale catalogue on application. Weeber & Don, Seed Merchants and Growers, 114 Chambers St., New York City.

Branching Aster Seed. White, pink, purple, rose and lavender. Separate colors, 75 cts per oz. 1899 stock. J. G. Keeler, 2 Fountain Street, Rochester, N. Y.

Wholesale price list for florists and market gardeners.

W. Atlee Burpee & Co., Philadelphia, Pa.

Seeds, plants and bulbs. Wholesale and retail catalogues. Florists' seeds a specialty. James Vick's Sons, Rochester, N. Y.

Special seeds for the florist and gardener. Send for wholesale catalogue.

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Pansy seed, 3-16 oz., \$1.00; 1 oz., \$4.00. Cash with order.

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String your Smilax with Meyer Green Silk-line. Send for samples and prices. John C. Meyer & Co., Mfrs. and Wholesalers, 87 Summer St., Boston, Mass.

Smilax, strong seedlings, 50c per 100; \$4.00 per 1000, prepaid by mail.

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From flats, 50c per 100; 2-in. pots, \$1.50 per 100. Cash with order.

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SWAINSONA.

Swainsona alba galegifolia, 2-in. pots, \$2.00 per 100. Cash with order.

Logan Avenue Greenhouses, Danville, Ill.

VEGETABLE PLANTS.

Cabbage plants, Jersey Wakefield and other varieties, from cold-frames, transplanted. Lettuce plants, Boston Market, Tennis Ball, Curled Simpson, Grand Rapids and other varieties. Tomatoes, small plants for transplanting, 15c per 100; \$1.00 per 1000. Pepper, small plants for transplanting, 25c per 100; \$2.00 per 1000, if by mail add 10c per 100.

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If you read these advs. others would read yours.

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60 finest named varieties, including our new mammoth white, Mrs. McKinley, the finest white verbena grown. Healthy, free from rust. Rooted cuttings, 60c per 100; \$5.00 per 1000. Plants, \$2.50 per 100; \$20.00 per 1000. Our list is the choice from millions of seedlings.

J. L. Dillon, Bloomsburg, Pa.

50,000 verbenas. 20th century collection comprising 32 grand mammoth varieties, the cream of the latest and choicest, 60c per 100; \$5.00 per 1000. Strong 2-in., \$2.00 per 100; \$18.00 per 1000. Full of cuttings. Elegant stuff. Cash.

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The finest in the land, pot plants, \$2.50 per 100; \$20.00 per 1000. Rooted cuttings, \$1.00 per 100; \$6.00 per 1000.

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Mammoth verbenas, large rooted plants, 60c per 100; \$5.00 per 1000.

S. Whitton, 15-17 Gray Ave., Utica, N. Y.

We have all the best, plenty of red and pink, 60c per 100; \$5.00 per 1000.

S. D. Brant, Clay Center, Kan.

60c per 100; \$5.00 per 1000; 5000 for \$22.00; 10,000 for \$40.00. C. Humfeld, Clay Center, Kans.

VINCAS.

Major and Var., strong rooted cuttings, \$1.00 per 100.

South Side Floral Co., Springfield, Ill.

Vincas, center of foliage yellow, 2½-in., 50c per doz.; \$3.00 per 100.

C. Lengsfelder, Elgin, Ill.

Major and Var., rooted cuttings, \$1.00 per 100. Cash with order.

Logan Ave. Greenhouses, Danville, Ill.

Rooted cuttings, \$1.25 per 100; \$10.00 per 1000; 4-in. pots, \$3.00 per 100; \$70.00 per 1000.

J. E. Felthousen, Schnectady, N. Y.

Vincas, rooted cuttings, \$1.50 per 100; \$12.50 per 1000. Greene & Underhill, Watertown, N. Y.

Variegated vincas, 2½-in., \$2.00 per 100.

Morris Floral Co., Morris, Ill.

MISCELLANEOUS PLANTS.

Velvet plant, \$2.00 per 100. Mesembryanthemum erectum, California moss, fine for border or basket, Lycopodium dent., to fill in design work. Dusty Miller, Feverfew, Little Gem and Golden Leaved, all the above in 2½-in. pots, \$1.50 per 100.

Morris Floral Co., Morris, Ill.

Ageratum, three kinds, including Princess Pauline, 70c per 100. Alyssum, dbl., \$1.00 per 100. Lantanas, four kinds, \$1.25 per 100. Salvias, three kinds, \$1.00 per 100. Express prepaid and satisfaction guaranteed. Cash with order, don't send checks.

S. D. Brant, Clay Center, Kan.

Lemon Verbena, \$3.00, \$4.00 and \$6.00 per 100. Impatiens Sultan, 2½-in., \$3.00 per 100. Rooted cuttings: Impatiens Sultan, \$2.00. Alyssum Giant, \$1.00. Fragrant calla, 2½-in., \$1.50; 4-in., \$3.50 per doz. Mignonette, 2-in., \$2.00 per 100. Greene & Underhill, Watertown, N. Y.

Honeysuckles, Hibiscus Cooperi, Moon Vine, white and blue, Strobilanthes Dyerianus, 2½-in. pots, \$3.00 per 100.

The National Plant Co., Dayton, O.

Stocks, white or mixed, double, 2-in., \$1.50 per 100. Lobelia, rooted cuttings, \$1.00 per 100. S. Whitton, 15-17 Gray Ave., Utica, N. Y.

Moon Flowers, from 2-in. pots, white and blue, \$2.50 per 100; \$20.00 per 1000.

C. L. Reese, Springfield, Ohio.

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Artificial and wax flowers and leaves.

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Baskets from 10c per piece upwards.

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Chenille for lettering, in cotton or silk, 15c to 55c per piece.

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Colored plates, seed packets, engravings, etc. Vredenburg & Co., Rochester, N. Y.

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CYCAS LEAVES.

Cycas leaves, prepared, dull and glazed, the finest from \$15.00 per 100 up.

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Palm Leaves. Florida Natural Products Co., Box 327, Orlando, Fla. Where Palms grow to best advantage. "We select the best of the best." Fan Palm Leaves for prepared palm purposes, small, medium and large sizes, dried and cured only, per 1000, \$5.00, \$6.00 and \$7.00 prepared and pressed, only need painting, per 1000, \$12.00, \$17.00 and \$19.00, dyed, \$2.00 extra; prepared and painted, per 100, \$5, \$8 and \$11. Palm Fibre, for making up plants, per lb., 10c. Prepared Cycas Leaves, Wreaths, Dried Arecas, Cycas, Thrinax, Phoenix, etc. Long Leaf Needle Pines, per 100, \$4.00. Green Palm Leaves, large, per 1000, \$5.00. Cabbage Palm Leaves, 4-6 ft., per 100, \$3.00. Wild Smilax, by express, per 35 lbs., \$1.75. Artificial Smilax, per doz., yards, from 50c. Florida Grey Moss, per 100 lbs., \$2.00. Dyed Festooning Moss, red or green, per lb., 10c.

Southern Wild Smilax, 35-lb. cases, \$2.00; 50-lb. cases, \$2.50. Red Berry or Ilex Cassine, 30-lb. cases, \$2.00; 45-lb. cases, \$2.50. My stock is first class, carefully selected. Full cases. Orders by telegram filled same day received. Terms: Cash with order or satisfactory reference. J. R. McCreary, "The Forester," Gordon, Ala.

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Florists' Hardy Supplies. A full supply of fancy and Dagger cut ferns, Green and Sphagnum Moss, Laurel Festooning, Bouquet Green, etc. All orders by mail or telegraph promptly attended to. H. M. Robinson & Co., 32, 34 and 36 Court Sq., Boston, Mass.

Galax Leaves! Direct from North Carolina. Specially equipped for handling large orders. J. L. Banner, Montezuma, N. C. D. Robinson, Agent, Produce Exchange Bldg., N. Y.

Perpetuated palms. Low prices to florists. The right people, where the palms grown on the right spot.

Clare & Scharrath, Orlando, Fla.

Prepared Tropical Palms and Cycas leaves. Send for catalogue.

Ostertag Bros., St. Louis, Mo.

Laurel festooning, mosses and ferns a specialty. Crowl Fern Co., Milington, Mass.

Galax leaves. Chas. H. Ricksecker, Linville, N. C.

DOVES.

Doves, all positions, from 75c up.

M. Rice & Co., Philadelphia, Pa.

"The Classified Ads. are a great convenience" is the verdict of the buyers.

EVERYTHING FOR FLORISTS.

Write for quotations on your wants to McKellar & Winterson, 45, 47, 49 Wabash Ave., Chicago.

FERNERIES.

Round, oval, oblong, new styles, send for price. M. Rice & Co., Philadelphia, Pa.

Send in your order now for a copy of the Florists' Manual.

FERTILIZERS.

Sheep manure. Thoroughly pulverized and ready for immediate application. Special prices to florists and seedsmen in lots of 20 tons and up. Cheap freight rates to eastern points. Testimonials from Agricultural Department, University of California. Send for sample. Geo. C. Roeding, Proprietor, Fresno Fertilizer Works, Fresno, Cal.

Red Towers Brand Bone Meal for florists. 100 lb. bag, \$1.75; 200 lb. bag, \$3.25; 1/4 ton, \$7.50; 1/2 ton, \$14.50; 1 ton, \$28.00. F. O. B. Bridgeport, Conn. Also Odorless Lawn Dressing. Terms, cash with order. Red Towers Greenhouses, Hackensack, N. J.

Pure sheep manure, the best that can be bought on the market. Also a large quantity of hardwood ashes, by the bbl., ton or car load. J. L. Elliott, Bethlehem, Pa.

Bone meal, made for my own use and for other florists who want a good article. Try a bag. Albert M. Herr, Lancaster, Pa.

FLORISTS' LETTERS.

The Cefrey Letter Co., 446 Tremont St., Boston, Mass., Chas. L. Razoux, Mgr., Manufacturers of Florists' Letters. The best and most artistic letter on the market. Pat. Jan. 3rd, 1893. Price: 1 1/4 or 2-inch letters, \$1.50 per 100; script letters, \$3.50 per 100. Agents: The Flower Market, Boston; Emil Steffens, New York; McKellar & Winterson, Chicago; H. Bayersdorfer & Co., Philadelphia.

Ribbon, Immortelle, Boston, starting at \$7.50 per 1000. M. Rice & Co., Philadelphia, Pa.

FLORISTS' SUPPLIES.

Violet, satin or plain tin foil.

Wire in stone or cut.

Photograph albums.

Handkerchiefs, lace and paper. Violet and white.

Fancy cord.

Violet cord and tassel.

Immortelles.

Cape flowers.

M. Rice & Co., Philadelphia, Pa.

GALAX LEAVES.

Galax leaves. For latest prices bronze and green Galax leaves and Leucothoe sprays address the introducer.

Harlan P. Kelsey,

1106 Tremont Bldg.,

Boston, Mass.

GLASS, ETC.

The Van Reyper Perfect Glasiers' Points. No rights or lefts. Price per box of 1000, 60 cts; by mail, 75 cts; in lots of 5000 by express, 55 cts per 1000. Henry A. Dreer, 714 Chestnut St., Philadelphia, Pa.

Greenhouse glass and cypress sash material. Get our prices before buying. S. Jacobs & Sons, 406 West 13th St., New York.

Every florist ought to insure his glass against hail. For particulars address John G. Esler, Sec'y, Saddle River, N. J.

We make special greenhouse putty. Price on application. Lord & Burnham Co., Irvington-on-Hudson, N. Y.

Importers and jobbers of Greenhouse Glass. Wheeler-Stenzel Co., 72 Sudbury St., Boston, Mass.

Send for Lucas on Glass. Four pamphlets tell all about it.

John Lucas & Co., Philadelphia.

Greenhouse Glass a specialty. Sprague, Smith Co., 207-209 Randolph St., Chicago.

Greenhouse Glass. Benjamin H. Shoemaker, 205 to 211 No. Fourth St., Phila., Pa.

Greenhouse Glass. Wood Glass Co., 226 N. Salina St., Syracuse, N. Y.

INSECTICIDES.

TOBACCO STEMS, the good, strong kind only, 60 cts per 100 lbs.; bales 450 lbs.

TOBACCO DUST, the black stuff, 2 cts per lb.; 50 to 1000 lbs.

H. A. Stoothoff & Co.,
154-156 West 27th St., New York City.

"Rose Leaf" Extract of Tobacco Insecticide, the best and by far the cheapest all-round insecticide on the market. For sale by seedsmen. For free pamphlet write The Kentucky Tobacco Product Company, Louisville, Ky., successors to Louisville Spirit Cured Tobacco Co.

Tobacco stems, \$1.00 per 100 lbs. Tobacco dust, \$2.50 per 100 lbs. Rose Leaf Extract of Tobacco, Nikoteen, Nicomite. Send for prices on large quantities.

McKellar & Winterson, 45, 47, 49 Wabash Ave., Chicago.

Nikoteen. Does not injure the most sensitive plants. Endorsed by prominent florists. Used for fumigation or spraying, indoors or out. 200 lbs. of tobacco in one pint of Nikoteen. Sold by seedsmen. Circular free.

Skabcure Dip Co., Chicago.

Tobacco Stems, bales, 200 to 500 lbs., 70 cents per 100 lbs. Tobacco Dust, packed in 25, 50, 100 and 250 lbs., 2 1/4 cts per lb. U. Cutler, Ryerson, 110 Third Ave., Newark, N. J.

Nicomite (patent) Vapor Insecticide. A certain killer of insect pests. Sold by seedsmen. Tobacco Warehousing and Trading Co., Louisville, Ky.

Tobacco stems for florists, \$1.50 per bale of 200 to 250 lbs. Fresh and clean. P. C. Fuellweiler & Bro., 927 Sansom St., Phila.

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Metal designs from 25c and upwards.

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Palm leaves, prepared, in all sizes, special low prices for quantity.

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Pedestals or plant stands in all sizes, styles and colors.

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Wrought iron pipe, valves, fittings, etc., for steam and hot water; rubber hose, pumps and well points.

Wm. H. Kay, 42 Dey St., New York.

Full line of Pipe and Fittings. Send for latest prices. S. P. Conkling, 29 East Atwater St., Detroit, Mich.

Iron Pipe and Fittings. Rundle & Spence Mfg. Co., 63 Second St., Milwaukee, Wis.

Pipe and Fittings. Hoffman & Billings Mfg. Co., 96 Second St., Milwaukee, Wis.

Iron Pipe and Fittings for florists. The Kelly & Jones Co., Pittsburg, Pa.

POTS.

Standard Flower Pots. Our pots are of the best quality. We ship all goods from Cincinnati, guaranteeing lowest freight rates and prompt delivery. Write us before placing your orders elsewhere.

Cambridge Tile Mfg. Co., Covington, Ky.

Standard Pots. We are now ready to supply a superior quality of Pots in unlimited quantities. Catalogues and price-lists furnished on application.

A. H. Hews & Co., North Cambridge, Mass.

Standard Flower Pots. If your greenhouses are within 500 miles of the Capitol, write us; we can save you money. W. H. Ernest, 28th and M Sts., N. E., Washington, D. C.

Flower Pots of all kinds. Standard Pots a specialty. List and samples free. Swann Pottery Mfg. Co., Box 78, Minneapolis, Minn. Factory, Marshall & 25th Ave., N. E.

Flower Pots. Before buying write us for prices. Geo. Keller & Son, 361-363 Herndon St. (near Wrightwood Ave.), Chicago.

OUR 1900 STANDARD FLOWER POTTS.

Better than ever. Send for Price List.

Syracuse Pottery Co., Syracuse, N. Y.

Red Standard Pots, wide bottoms, well burned and porous. Reduced prices.

Harrison Pottery, Harrison, Ohio.

Flower Pots. Missouri Pottery and Mfg. Co., 1216 W. 8th St., Kansas City, Mo.

For the best Plant Tubs, address Mann Bros., 6 Wabash Ave., Chicago.

POT COVERS.

Papier-mache, crimped paper, willow, celluloid, braid pot covers, from \$6.00 per 100 upwards.

M. Rice & Co., Philadelphia, Pa.

SPHAGNUM MOSS.

We are headquarters on Sphagnum. Just received several carloads.

Per Bale, \$1.00.

Six Bales, \$5.00.

Ten Bales, \$7.50.

Write for prices on large quantities.

McKellar & Winterson, 45, 47, 49 Wabash Ave., Chicago.

TEMPERATURE REGULATOR

Your greenhouse should be protected from over-heating and from chilling. We can do it to your satisfaction and at a small cost. Send for testimonials.

Wilder Mfg. Co., Springfield, Mass.

VASES.

Fibre vases and saucers, all sizes.

M. Rice & Co., Philadelphia, Pa.

WAGON HEATERS.

The Lehman heater is the best. Write for particulars. Lehman Bros., 10 Bond St., New York City, or Jas W. Erringer, 297 Wabash Ave., Chicago.

WHEAT SHEAVES.

Wheat sheaves, "unequaled," from 50c per doz. upwards.

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If you read these advs. others would read yours.

WIRE WORK.

C. A. Kuehn, 1122 Pine St., St. Louis, Mo., manufacturer of the Patent Wire Clamp Floral Designs. A full line of supplies always on hand. Write for catalogue.

We are Headquarters for Wire Work. McKellar & Winterson, 45, 47, 49 Wabash Ave., Chicago.

Reed & Keller, 123 W. 25th St., New York. Manufacturers of Wire Designs.

THE white carnation has been adopted as its flower by the Maine State Grange.

CHAMPAIGN, ILL.—The new greenhouses of the Illinois Central Railway are to be located here.

CATALOGUES RECEIVED.

The Conard & Jones Co., West Grove, Pa., their new floral guide for 1900; Nanz & Neuner, Louisville, Ky., jubilee edition of their floral catalogue; Schlegel & Fottler, 26 So. Market St., Boston, Mass., wholesale price list of seeds, bulbs, fertilizers and florists' supplies; W. Atlee Burpee & Co., Philadelphia, Pa., wholesale catalogue for seedsmen and dealers only who buy to sell again; R. & J. Farquhar & Co., 16 So. Market St., Boston, Mass., seeds, plants, bulbs, etc.; Julius Heurlin, South Braintree, Mass., trade list of hardy herbaceous perennials and Alpine plants; H. P. Kelsey, 1106 Tremont Bldg., Boston, Mass., hardy American plants and Carolina mountain flowers; F. Dorner & Sons Co., Lafayette, Ind., descriptive price list of carnations for spring 1900; Soar Bros., Little River, Fla., plants, bulbs, seeds and decorative stock; Barr & Sons, 12 King St., Covent Garden, London, England, Barr's seed guide; N. Smith & Son, Adrian, Mich., trade list for spring of 1900; R. Vincent, Jr. & Son, White Marsh, Md., vegetables and other plants; J. M. Thorburn & Co., 36 Cortlandt St., New York, flower seeds and spring bulbs for florists; John Lucas & Co., Philadelphia, calendar and "New helps from Lucas."

John Peed & Son, West Norwood, London, S. E., England, seed catalogue for 1900; Reasoner Bros., Oneco, Fla., catalogue of plants; McGregor Bros. Springfield, O., wholesale price list of plants; J. M. Philip's Sons, Mercersburg, Pa., seed catalogue for 1900; Barteldes & Co., Denver, Col., Twentieth Century catalogue and price list; H. Bayersdorfer & Co., Philadelphia, calendar for 1900; J. M. Thorburn & Co., New York City, trade price-list of seeds and bulbs.

THE NEW CENSUS.

We have received from Washington a copy of the blank schedule that is being mailed to florists for the purpose of securing full and complete data regarding commercial floriculture for the census now being taken.

The census of 1891 was the first one in which commercial floriculture was considered and the figures were naturally very incomplete. It is to be hoped that all in the trade will cooperate heartily with the census officials in their efforts to do the trade full justice in the present census.

If you have not received a copy of the schedule you may obtain one by addressing L. G. Powers, Chief Statistician in Charge of Agriculture, Census Office, Washington, D. C.

KNOXVILLE, TENN.—John Karsten has erected a fine office and workroom in addition to two houses for palms and ferns. He is much encouraged by the steady increase in business and intends to further enlarge his place next summer. He noted an increased demand for pot plants during the holidays.

WARSAW, N. Y.—Business is good. Some of the florists report the best trade in years. To meet the demand of his rapidly growing trade H. S. Baker is preparing to build another house, 15x50. Owing to ill-health, D. W. McKinley has been compelled to give up his business and has disposed of his house and stock to Geo. Goodale, of Perry.

WANT ADVERTISEMENTS.

Advertisements under this head 10 cents a line, an average of seven words to the line.

SITUATION WANTED—As foreman of good sized establishment near Chicago where merit and successful work will be appreciated; either cut flower growing or general stock; salary \$75.00 a month. Address A. M., care Florists' Review.

SITUATION WANTED—By all-around grower. At roses, carnations and violets. American, married, age 36. State wages. Best references. Address Grower, Isabella, Chester Co., Pa.

SITUATION WANTED—Young man, 24, wishes situation for greenhouse work where he can advance. Henry Bauer, 385 E. 10th St., New York.

FOR SALE. Large Greenhouse Plant.

Established wholesale and retail trade. Well stocked and in good condition. Write for particulars, etc. **B. F. BARR, LANCASTER, PA.**

FOR RENT.

One hour's ride from Chicago, on C. & N. W. Ry.,

14,000 feet of Glass

in first class condition. Five acres of choice land if desired. A splendid chance for a good grower with a little capital. Address J. Florists' Review.

XX SHEEP MANURE

I have now on hand the cleanest and purest Sheep Manure that can be bought in the market. For reference I refer you to Henry F. Michell, 1018 Market St., Philadelphia, Pa.

Also a large quantity of Hard Wood Ashes for sale by the bbl., ton or car load. Send for samples and price list. **J. L. ELLIOTT,**

645 Canal Street, Bethlehem, Pa.

Mention The Review when you write.

GOLD FISH and AQUARIUM SUPPLIES.

Send for Price List.

KEENAN'S SEED STORE.

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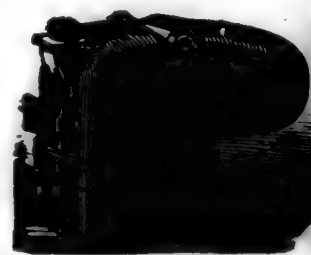
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FERN SPORES SOW NOW!!

WE ARE HEADQUARTERS—Extra large package of fresh spores, sufficient for 3000 plants, with full cultural directions, postpaid for \$1.00. Collection of 12 distinct varieties, each separate, \$5.00.

EMERSON C. McFADDEN, - U. S. Exotic Nurseries, - SHORT HILLS, N. J.

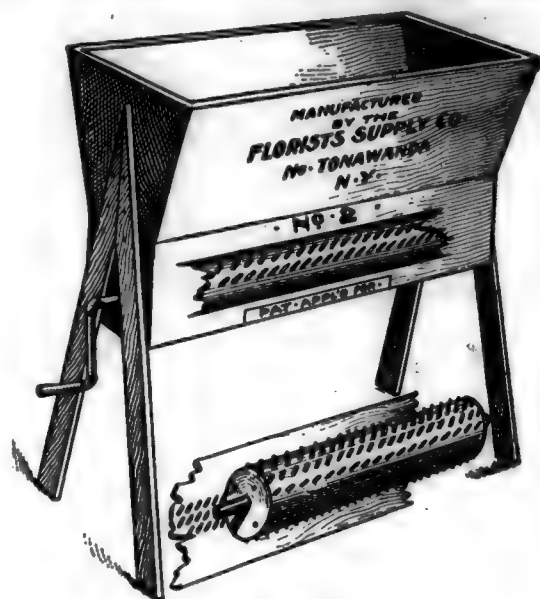
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Hot Water Radiators, Pipes, Fittings
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Send 20c for Catalogue

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HUNDREDS of Florists are using our Pulverizers. You can regulate it. Send for list of testimonials



Patent applied for.

No. 1, \$5.00; No. 2, \$10.00; No. 3, \$20.00

THE FLORISTS' SUPPLY CO.,

North Tonawanda, N. Y.

Mention The Review when you write.

"NICOMITE"
(PATENT)
Vapor Insecticide
POWDER.

No labor required. Harmless to Bloom and Foliage. A certain killer of **RED SPIDER, GREEN FLY** and all other Insect Pests. Ask your Seedsman for it. The Tobacco Warehousing and Trading Co. LOUISVILLE, KY.

Mention The Review when you write.



Make Your Own Pots

of cow manure. You make them today and use them tomorrow. Highly recommended for Carnations, Chrysanthemums, Tomatoes and all bedding plants, as you plant pot and all. Potting machine for 2 and 3-in. pots, with full directions, \$5.00

Eltzholtz & Woldike, Lawrence, L. I., N. Y.

Mention The Review when you write.

IF YOU HAVE any surplus stock offer it in the Classified Plant Advs. in The Review.

THE FLORISTS' MANUAL.

After reading Mr. Wm. Scott's Manual, we wish to say that we consider it without equal as a book of reference for busy florists.

GEO. M. KELLOGG.

Pleasant Hill, Mo.

Mr. Scott's superb work, "The Florists' Manual," was indeed worth waiting for. When compared with the amount of practical information it contains, the selling price, \$5.00, seems a mere bagatelle.

Oakland, Md. H. WEBER & SONS.

It is the best book of the kind ever published. There is more in it than in any other book I have ever seen. I am delighted with it.

Chicago.

JOHN THORPE.

The copy of the "Florists' Manual" was duly received. I am very well pleased with same. The more I read it the better satisfied I am with it, and there are one or two articles alone in it that are each worth all you ask for the book, for everything is made so plain and all details are right to the point. I trust you may have a good and ready sale for the same.

M. S. WORDEN.

North Adams, Mass.

The only fault to be found with it is when you get reading it the midnight oil is liable to run low and you have to go on to gas or reluctantly break off, either going to bed or first taking a look over the houses to see if the temperature tallies with the Manual.

GEO. S. OSBORN.

Hartford, Conn.

We are in receipt of "The Florists' Manual" by Mr. Scott and may say it is the right book for the florist, published at the right time. It is what we all need.

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The book is written for the working gardener, and Mr. Scott's reputation is so well secured that he will find among his gardening friends a host of genuine admirers. As a writer on practical gardening subjects, he is a recognized authority. * * * Mr. Scott has long been an employer and knows what information young gardeners, or those with little experience, need, and he has his whole subject so perfectly at command that he can give the most desirable and essential information in the clearest language and with satisfactory brevity. The book is a distinct and important gain to the practical garden literature of this country, and it should be in the hands of every gardener, and everyone else engaged or interested in ornamental horticulture. The price of the book is \$5, which seems somewhat high, but for useful information it is worth every cent of it.—Vick's Magazine.

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After reading this book carefully, I am greatly pleased, and wish to congratulate you on the practical manner with which you have treated the subject.

This book is placed where it will be accessible to all of our greenhouse employes, where this board expects to reap a reward many times the cost of the book. Respectfully yours,

COMMISSIONERS OF PARKS AND BOULEVARDS,

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THE FLORISTS' REVIEW

G. L. GRANT, EDITOR AND MANAGER.

PUBLISHED EVERY THURSDAY BY

THE FLORISTS' PUBLISHING CO.

520-535 Caxton Building, Chicago,

334 Dearborn Street.

Subscription, \$1.00 a year. To Europe, \$2.00. Subscriptions accepted from those in the trade only.

Advertising rates: Per inch, \$1.00; 1/4 page, \$13.50; full page, \$27.00. Discounts: 6 times, 5 per cent; 13 times, 10 per cent; 26 times, 20 per cent; 52 times, 30 per cent. Discounts allowed only on consecutive insertions. Only strictly trade advertising accepted. Advertisements must reach us by Tuesday to insure insertion in the issue of the following Thursday.

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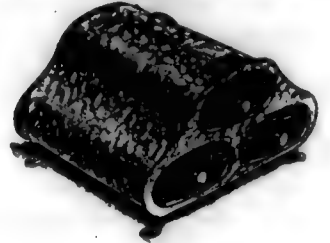
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TACOMA, WASH.—John A. Balmer has resigned his position as professor of horticulture at the State Agricultural College and will start a commercial cut flower growing business at Yakima or Cle Elum. He was engaged in commercial floriculture in Vincennes, Ind., before he came here, six years ago.

WARREN, O.—S. C. Templin, of Calla, O., has been here looking over the field with the idea of locating a flower seed business here.

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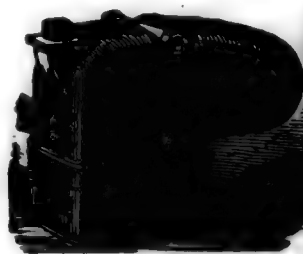
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	1st.	2d.	3d.	Av.
John Berry	171	244	234	213
Al Mauff	168	224	214	212
Robt. Kurth	205	143	227	192
Chas. Mauff	204	175	165	181
Ed. Emerich	197	159	166	174
Geo. Zimmer	134	149	229	171
Chas. Franz	201	124	187	171
P. C. Gallup	136	174	191	167
John Ferriss	160	114	184	153
A. A. Benson	120	115	174	133
L. C. Waterbury	121	126	137	128
A. M. Lewis	144	101	136	127
Geo. Brinkert	129	122	125	125

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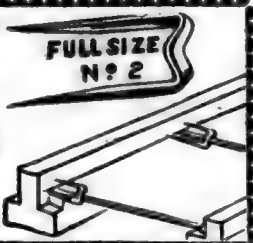
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Achimenes	Calceolaria	Fittonia	Linum trigynum	Roses
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Adiantum	Canna	Freesia	Lysimachia	Santolina
Agapanthus	Carludovica	Fuchsia	Manettia	Sedum
Axave	Carnation	Fungicides and Insecticides	Maranta	Seed Sowing
Ageratum	Celosia	Gardenia	Martinezia	Selaginella
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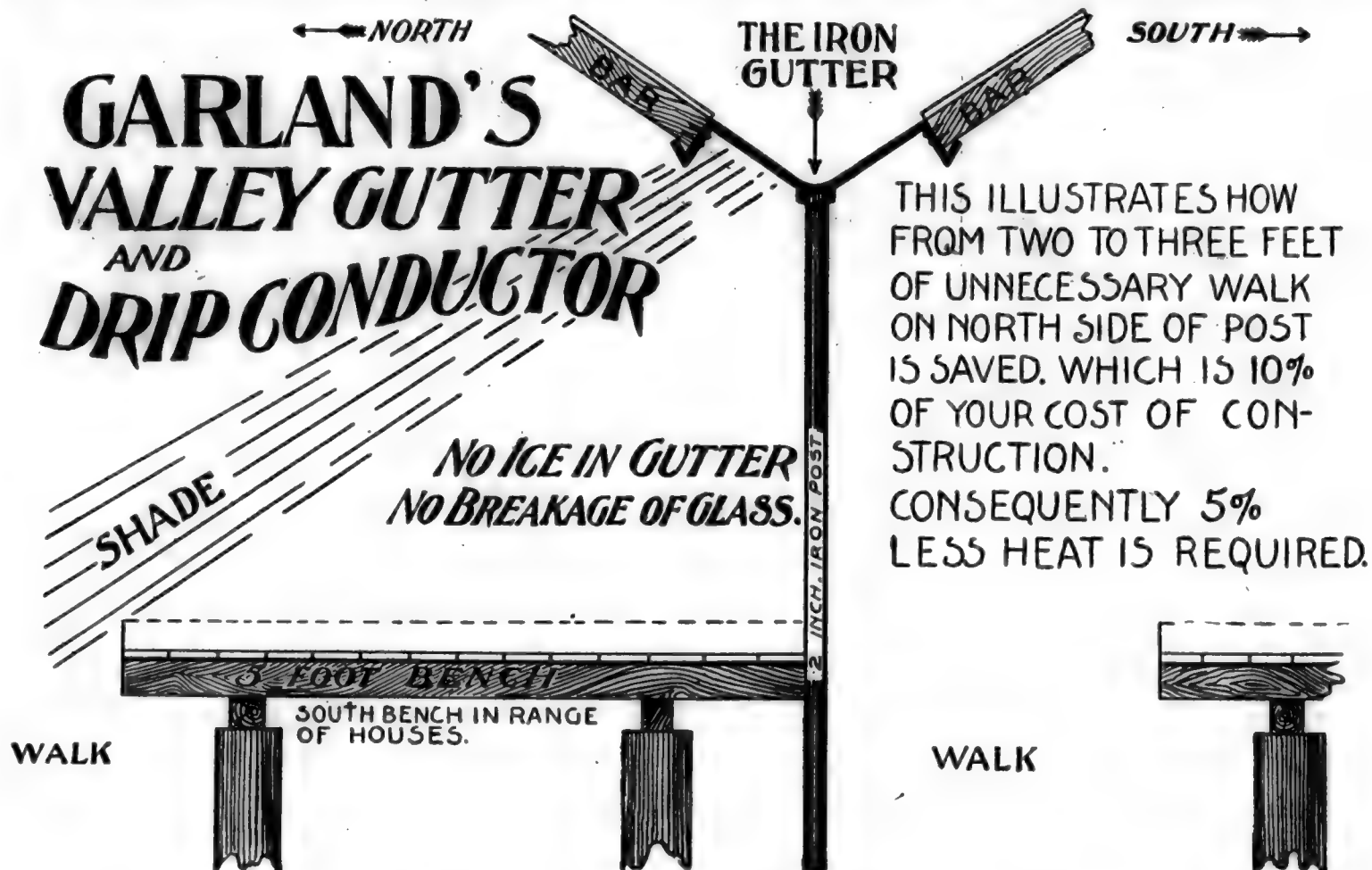
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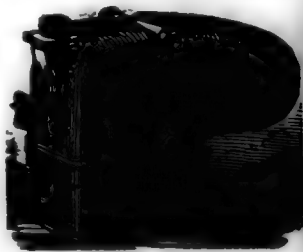
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Vol. V.

CHICAGO AND NEW YORK, FEBRUARY 8, 1900.

No. 115.

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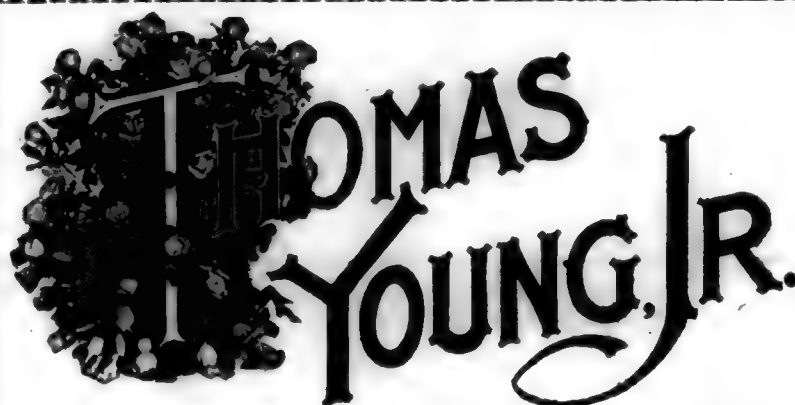
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The Window.

Frozen windows have always been cause for anxiety and serious consequences to many florists. Of course the up-to-date establishment has its coil of steam or hot water pipes along the bottom of the window, but the vast majority of stores have not, and depend on the efficacies of circumstances for all that is bright. If there be any time when flowers are more beautiful and cheerful than another, it is when the ground is covered with snow and most of the windows are covered with ice; it is then that the vase of brilliant colored flowers, artistically arranged in your window, is most admired and appeals not in vain to the lover of flowers.

To the florist's store and window which merely looks like the dying embers of life and ambition, these winter curtains of ice are a godsend, for they not only obliterate for a time the eyesores of bad taste and second-hand stock, but they are also a shield for economy. The wideawake florists dread a frozen window; they know that a traveler's eye in winter is quickly caught by anything bright, that a bunch of scarlet carnations or red roses in the center of your window is worth more than all the pale frivolities you can manufacture. To keep the window clean and bright in extreme cold weather is therefore a serious problem to many.

We know many fine stores where there are elaborate arrangements of steam pipes. This is, of course, the cleanest mode of heating, but very often the steam is a laggard or truant when most wanted. The hot water system is a favorite with some because it is easier managed and more to be trusted. Poorer florists have to take recourse to many cruder modes of fighting Jack Frost. We have found the Lehman wagon heater to be a very valuable thing, not only for the delivery of goods, but to prevent windows from freezing up, and no florist in extremely cold climate should be without one. Salt will melt the ice on the window and you can afterward syringe it with salty water; get your glass dry and shut off draughts.

Plants may not freeze if not touch-

ing the glass, but cold chills are as bad for them as they are for you. It is a mistake to water plants in your window wintry nights; do your watering in the daytime, and with tepid water. When the weather is very cold it is always best and safest to arrange your window plants a little back from the glass; have them form an emphasizing background to your cut flower display in front. You know a nicely arranged group of ferns or palms is a thing of enchanting beauty, especially in this season of the year, and if flowers are used with them as a window display, try to introduce as much color as possible; a superabundance of white is poor attraction.

If you have electric lights—always a pretty window—and are situated where traffic runs late, it will pay you to leave one or two lights lit all night, for memory clings to beauty, especially so in this case. Did you ever stand in the middle of a shop street and wonder how all the little and big places made a living, or even existed at all? Stand there as long as you may, and you seem to never see any customers go near them. We've often stood in deep contemplation over this as it applies to florists' stores; it's a mystery to know how many of them exist, not because there are too many florists' stores, for there is room for many more, but for the half-dead-and-alive and slovenly manner in which they keep their stores; 'tis quite true that everyone cannot put on the frills of a Broadway or Fifth avenue florist, but cleanliness is not only health, it is wealth, especially to the poor, and to a business.

This world judges by general appearance; it has neither time nor inclination to investigate those "appearances." If you die a millionaire and wear rags you are but a tramp; if penniless and in good clothes you are prosperous—in the eyes of the public. If you keep your store clean and bright, and show good taste in what you offer for sale, people imagine you have a good trade and will patronize you; no business ever yet prospered on sympathy alone, for that is a scarce and unreliable food.

Your window may be small, but you can make it beautiful if you will.

Away with all the rubbish and artificial stuff; the poorest citizen of the United States loves natural flowers and plants and admires them wherever they are shown. It is the florist who displays such goods and tries to push them on his customers who is far behind the times. It is wrong to imagine that even in the poorest sections it is necessary to plaster the walls with wire designs and things which will never be sold; a clean, shelfless wall with a nice plant against it is far more beautiful than dust laden boards piled with ancient mementos. It is quite true that most people when ordering want to see wire frames, and for this purpose one or two specially made frames should be kept conveniently out of sight; there is no sense, however, in any florist turning his place into an "Old Curiosity Shop." My friends, the present age is against such, and prosperity seldom, if ever, smiles upon those who ignore advancement. If your store happens to be in a squalid locality, don't be satisfied with the tone of your surroundings; rise above it and display your individuality and ideas; never fear they will be rewarded.

Someone has said the florist should not make up funeral designs in his store where people can see him, for the reason that such designs impart melancholy thoughts; well, perhaps it is more cheerful, if less profitable, to make up bridal bouquets in full view, but our opinion is that you should try hard never to be ashamed of your work, no matter what it is. If you are making up a fine funeral design, don't hide it; make it up where all can see it, and after it is finished put it either in your window or where the passerby can admire it. A floral design is by no means a reminder, like that of the coffin; a well made design is more apt to excite admiration and inspire grandest thoughts. Yes, 'tis true, "a thing of beauty is a joy forever," and flowers in any form are more likely to be a harbinger of joys than of sorrow.

We have known of many cases in New York where customers were afraid to leave large orders with their regular florist, because they thought he was too busy to pay special attention to their affairs; the florist may have lost the profit on an order, but his reputation became enriched and the customer was sure to return. People, as a rule, like to see you busy; it is one of the mysteries how we all like to deal where there is an overflow of life or business. No, no, it is not the magnetic influence of the "bar-gain counter"; it is more often quality and refinement.

Everything is in a name when relating to business, and the poorest and most ignorant, who are often the most pretentious, will go where they imagine they can get all they want, and whilst it is very desirous to always appear to have plenty of good stock on hand, still it is not absolutely necessary if you have the good luck to be near the wholesalers. The most

important thing is quality, the next variety, and the third quantity. In these days of oversupply (so-called) and quick transportation, you can easily fill orders, but have your sample to sell from. Never under any circumstances permit a good customer—or, for that matter, any buyer—to see stale and withering flowers in your store; they generally prove to be your worst enemies. An oversupply of any particular flower, whilst it may enable you to make a great display, only tends to cheapen it in the eyes of many.

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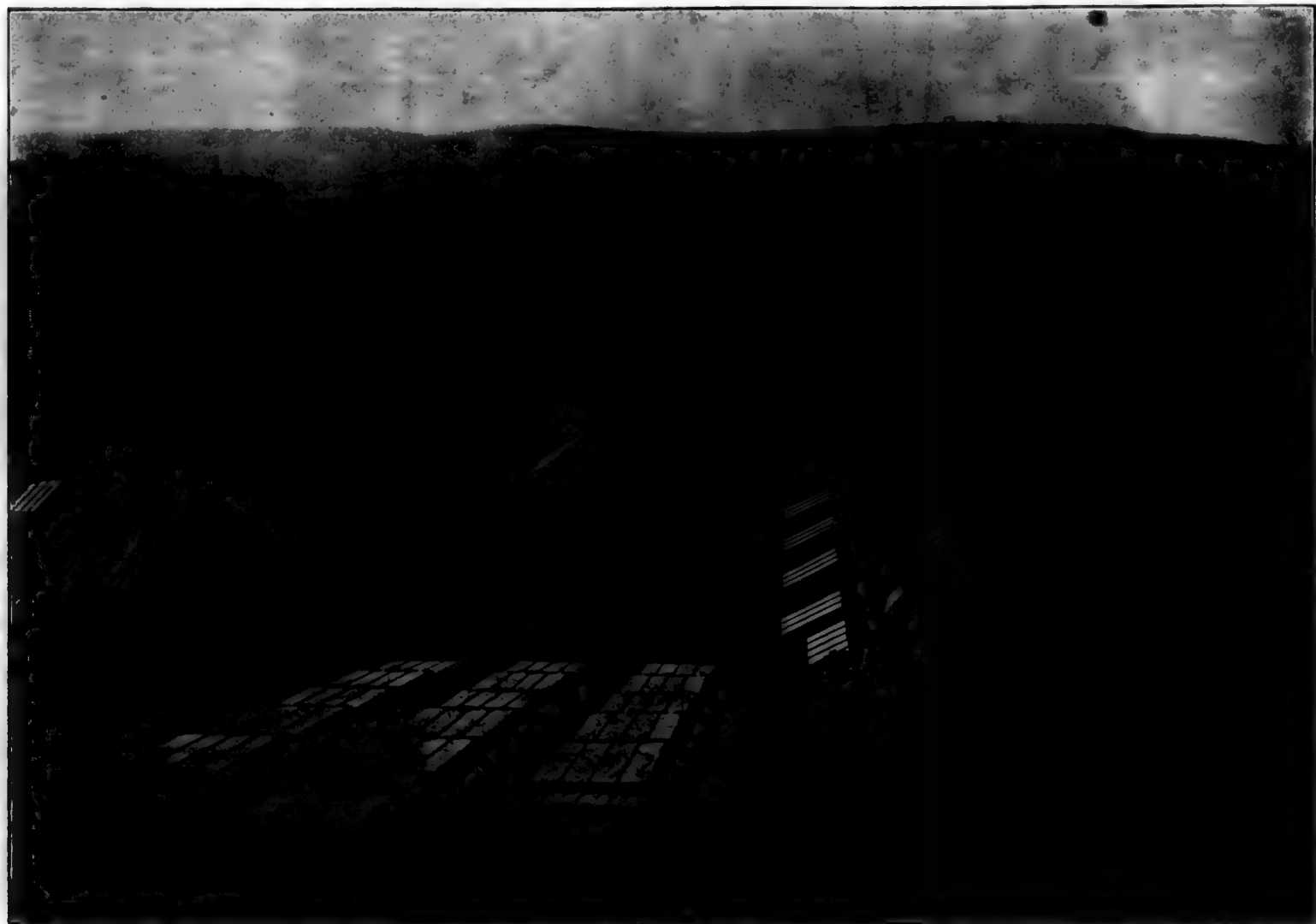
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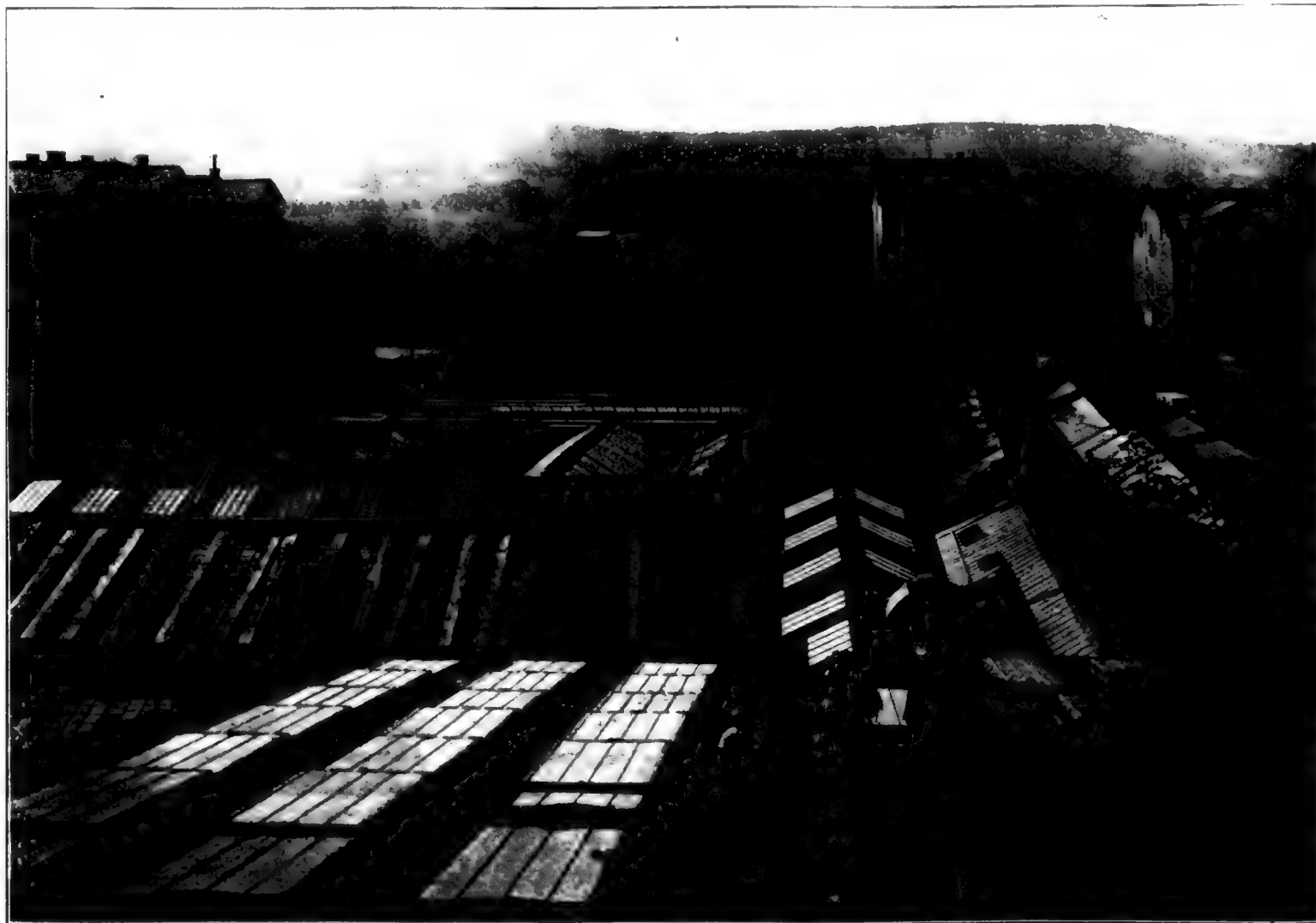
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MISCELLANEOUS SEASONABLE HINTS.

Geraniums.

About now your geraniums that were shifted from 2 to 3-inch pots after New Year's will be grown sufficiently for you to take a cutting off the top and leave them just as good a plant. A good, experienced hand should handle the little plants and do the cutting, as all plants do not afford a cutting, and where stock is not very scarce we "stop" them all, but study the plant first and the cutting next. It is no use cutting the plants so low that you leave no stem to break, so we cut the plant off, leaving it the right length, with two or three eyes to break and make a bushy plant, and this with the great majority will give you a cutting that will make a good plant by end of May.

There is no need of putting these cuttings in the sand; they are better potted in 2-inch pots at once with good ordinary sifted loam. Be sure to get the soil well firmed around the base of the cutting. Give one good watering and then keep them on the dry side till they make roots. On a light bench in a night temperature of 50 degrees you will not lose 2 per cent, and these make better plants than those propagated in the sand.

The cutting bed should not be idle just now, as it is an excellent time to propagate any of our soft wooded plants that are wanted for summer use.

Vase Plants.

There are two plants that we use largely for boxes and vases and propagate them in September, viz., the variegated and green striped vinca, and the *Abutilon vexillarium*. The vinca is one of our great essentials for this use. We have kept them in 2-inch pots up to now and as soon as possible after this we shift them into 3 and 3½-inch pots. They make a great growth towards spring, and as it is entirely the foliage that you grow them for, the soil should be rich.

We always find room for these plants along the edge of a carnation or rose bench. There would be properly strong objection to doing this in fall and mid-winter, but with the strength of the plants in the bench at this time and the little harm that a slight oversupply of warm water would do, there is no harm done. This is not the ideal way to treat roses and carnations, but I am sure that the profit on the plants that you can stand on the edges of growing

crops will compensate ten-fold for the little harm that is done.

Hanging Baskets.

We believe that hanging baskets of *Asparagus Sprengeri*, where baskets are at all desirable, will be more sought after than any other kind. The "vine" or drooping part of the growth is about all there is to a basket; flowering plants soon perish, and what is there equal to this hardy, vigorous plant? I prefer the wire basket lined with green wood moss to any other, and far better for the welfare of the plants than either the wood or earthenware baskets. There is yet time to plant three or four good plants of *Sprengeri* in a 10, 11 or 12-inch basket and make good plants by end of May. The soil should be a strong loam, at least a third of manure with a good liberal addition of bone dust. The asparagus is the rankest of feeders and there can be no addition to the soil when once in the basket.

Bulbs.

Tulips and daffodils brought in now make the finest of flowers. They yet want a little skill in handling, but no such hot box as was needed a month ago; a temperature of 65 to 70 degrees, with a slight shade, brings them on in the best condition. A few Dutch hyacinths in pots should be brought in every week.

You might start some bulbs of tuberous rooted begonias if you wish to have some fine plants for growing in pots, but for the bedding plant crop we prefer to wait till the middle of March and then start them in flats of sand, and by the time they need putting in 3 or 4-inch pots the hotbeds are ready. There is no place like the hotbed for these handsome begonias, because they not only grow freer, but you can harden them off by removing the sash for the last two weeks. We noticed in our beautiful Forest Lawn Cemetery that the neatest and prettiest vase there last summer (and the entire season) was a 20-inch vase of these begonias; of course nothing else with it. It need not and should not have anything mixed with it. This vase was shaded by trees from 9 a. m. till 4 p. m. In a vase without shade they are not a success, but in the broad sun, planted out in the flower garden, they are magnificent and a change from so much geranium.

Dahlias.

If you trade calls for dahlias, it is a good time now to prepare for propagation. Place the clump of roots on the bench on an inch of soil or sand and scatter a little earth or leaf mould among the tubers. Very soon a number of growths will start, and when three or four inches long and cut at a joint, they root readily. I prefer to put each cutting in a 2-inch pot of sandy soil and plunge the pot in bottom heat, and then the roots are not disturbed; but you can root them in the ordinary propagating bench just as well. Cutting at a joint, however unimportant with many plants, is of the greatest importance with the dahlia.

WM. SCOTT.

BOSTON.

The Market.

Traffic for the first five days of last week was slow and growers were in despair about the promised season of activity. But on Saturday a much better demand gave them a hope they may be happy yet.

Not only are trade waves moving in small ripples, but collections are getting harder and harder as the season advances. Retailers in many cases pay slowly, passing the blame along to their customers, claiming non-payment of Christmas bills. There are also a few within easy telephone call of whom fears are felt of ever being able to cash up. Things are surely wrong.

Goods have not been plentiful and a decent sort of a demand would have easily drained all the wholesale establishments at any moment during the week, and as it was there was no great drug of anything but Scott carnations. The Scott has been a statesman in past years and an authority on financial matters, but it looks as if the conjure were gone from the name. Buyers do not want it if they can get "Joost." Still, many good Scotts are coming in, and it does not seem just to turn down so stalwart a warrior. But many of our best carnation growers have a "dark horse" seedling or two which they are feeding and currying up for the race, in hopes it may be worthy the name of some banker's wife.

Roses have actually been scarce all the week, especially cheaper ones for funeral work, consequently one or two grades at the foot of the class have disappeared for the time, having been absorbed by grades worth a little more money.

News Notes.

Not much in the line of news. A new store on Portland street, and a tip from morning papers that John Husband, of Cambridgeport, cannot make his books balance for lack of assets or four figures, sums it about all up. One little matter that should have been spoken of last week may be of interest. One of the Jew street men in making gesticulations while arguing for lower prices at the co-operative market, hit the opposing salesman three or four

times in the eye, seriously injuring it either to look at or with. To offset the playfulness the judge prescribed \$15 and costs. This probably cures his case and may have an effect on two or three more incipient cases.

But we have now had three or four specimen days of something like wintry weather, which are probably accountable for shortage in flower output. Thermometers have been registering from four to eight degrees above zero. Sky June-like and not a breath of Boston's famed east wind for many moons.

B. T.

GREENHOUSES OF MR. GEO. M. KELLOGG.

We present herewith an engraving from a photograph of the greenhouses of Mr. George M. Kellogg, Pleasant Hill, Mo., one of the largest plants west of the Mississippi. The greenhouses cover four and a half acres of

at the conventions of the S. A. F. and has for several years served on its executive committee. He is quiet and unostentatious, but that he possesses push and business judgment is evidenced by the success he has attained in his profession.

BUFFALO.

Our very severe cold spell has passed away and the sun, which had been in hiding for two weeks, seems the better for the rest, for he is much stronger than he was. Business all around seems a little better and flowers are in abundance to meet it.

The wholesale mart of W. F. Kastling is the best place to feel the pulse of the day's trade. As he sits in Russia leather arm chair in his model office, with his clerks and stenographers to the right and left, he has a good view of the florists or their men passing to the rear for their supplies, and

should now be turned energetically into account. That little gem of a Christmas greeting designed by Mr. Long and bought by W. J. Palmer & Son, and possibly by a few other florists throughout the country, has hardly ever been equaled. It was a poinsettia, perfect in form and color of leaf and bract, a colored photograph, and makes gaudy lithographs look like common rhymesters by the side of the warm and glowing fancies of W. K. Harris.

The Carnation Convention.

There is no lack of interest in the coming convention. A sub-committee, consisting of W. Scott, C. Keitsch and W. A. Adams, has the arrangements of the exhibition hall, and I can promise there will be plenty of room and light and attention. Mr. C. Keitsch is superintendent of the hall, and exhibitors will please apply to him for location of



Greenhouses of Mr. George M. Kellogg, Pleasant Hill, Mo.

ground and contain 140,000 square feet of glass. The place is devoted entirely to the production of cut flowers, which are disposed of at his wholesale store in Kansas City, and the business has grown by leaps and bounds since it was established in a small way in 1885. In 1899 the sales amounted to over \$27,000, having more than doubled in four years.

Mr. Kellogg's plant is still expanding and he is planning to erect five more houses, each 30x250, the coming summer. He has 100 acres of land and a beautiful home, handsomely furnished.

That Mr. Kellogg is public spirited as well as a successful business man is shown by the fact that he is building a handsome structure in Pleasant Hill, to be known as the Kellogg Opera House, Library and Gymnasium, the auditorium of which will be devoted only to really educational and elevating entertainments that will benefit the community. The building is 50x88 feet and the auditorium will have a seating capacity of 650, though 1,000 persons may be seated by using extra chairs.

Mr. Kellogg is a regular attendant

Billy can tell by the red tickets that are rapidly being placed on the spindle whether it is a good day with the stores or otherwise.

Speaking of florists' supplies, comparatively few of the local trade penetrate to the sanctuary (its correct descriptive name would be art studio) of Daniel B. Long, in the Howard block, on Washington street. Mr. Long and his art photographs are widely known, but not as generally as they deserve to be. An hour spent among his thousands of art studies is most interesting, but will only show you a fraction of them. We do not see any such groupings of flowers elsewhere; they may exist, but we don't believe in any form where at a moderate price you can obtain a truly natural and artistic study in some familiar flower. There are designs to suit every conceivable taste and purpose, from the backs of playing cards to the covering of the family Bible.

While many of Mr. Long's creations are used entirely outside the horticultural press, it seems to me that he is too much absorbed in the artistic part of his business, and the long, tedious hours and great outlay of money

their exhibit. The Genesee hotel, either American or European plan, is next door and will be headquarters. An excellent \$2.00 a day American house, "The New Gruener," is within half a block and the well known Tift house is removed but one block. The Genesee and Tift are both from \$2.50 to \$4.00, American plan.

There is not likely to be a great deal from local growers, but we do look for a very large exhibit and we hope attendance. The local club can take care of any flowers arriving on the 14th, as we have secured the hall for three days. As before stated, the local men are becoming enthusiastic and for those who have never seen the society's annual exhibition, I can assure them it will be a revelation.

Mr. Dennis O'Connell tells me he will take as active a part in the proceedings as time will allow, but he is at present preparing a paper to be read before the Hibernian Society, entitled, "The psychological phenomena ensuing from the vibrations of the tympanum on the convolutions of the left brain hemisphere in case of a Boer defeat."

A Business Change.

It was given out in a contemporary that W. Scott was giving up his down town store in March next. I was not aware that this little item would crop out, but now it has, will say as the one chiefly concerned that I look forward to the consummation of the evacuation of 546 Main street with much pleasure next month. As the patriarch of the business in this city, W. J. Palmer, remarked in his homely good sense: "W. S. is coming to his senses at last." Yes, at last, unfortunately after thousands of dollars have been poured into a rat hole; but there are no regrets, the sun is rising higher every day, and when you have a nice store in the residence part of the city, with a lot of greenhouses at your back and it's your own property and you can fill your orders better in every way with a fourth of the expense, what do you want with an expensive store down town?

I had occasion to remark that I thought the stores in Baltimore were too much huddled together in the very heart of the city. It was presumption on my part to criticise another city, but now I am going to do just what I preached.

W. S.

NEW YORK.

Business in general is very good. Most of the florists have been and are very busy. We hear very few complaints; all seem to agree that, as compared with last year, there is little to growl about. New York is a place where anything good seldom goes begging, whether it be plants or cut flowers. The quality of both flowering and decorative plants seen in the stores at present is scarcely good enough for this great city, and it is safe to say if better stock were obtainable more business could be done.

Good large palms are scarce and high in price, too much so, and ferns seem to be merely grown in benches, shoved into pots and put into dwelling houses, only to cause dissatisfaction. As to cut flowers, many growers depend on Roman hyacinths, paper whites and such stock, and wonder why they can't get rich. We suppose it's because folks are very unobliging in not dying quick enough.

Anton Schultheis has been appointed a member of the school board for the Borough of Queens, New York City. We'd like to see him ruler of that laager.

Just at the last moment we hear a rumor that Jimmie Neal committed suicide by drinking carbolic acid in Central park February 5. Neal was well known in the flower business here. In 1884 he had a very prosperous business in the Bowery, which was then a fine location in trade. It may be said that he was the originator of the "crape pulling" method of getting orders. We know many remember him with regret, both here and in Chicago, where he once ran a store, but 'tis good to be charitable, and

death should be a shield to the unfortunate, so wipe out the scores.

Bowling at the alleys tonight took the form of practice for the match in Hoboken Wednesday night. Following are the scores:

	1	2	3
J. Manda	122	125	118
P. O'Mara	146	178	157
F. Traendly	114	129	102
W. Siebrecht	166	148	108
T. Lang	163	164	192
Udell		53	65
A. Shaw	182	131	123
A. Burns	125	120	133
L. Hafner	157	147	102
Moody	127	129	133
J. Donlan	143	131	134
J. Taylor	76	94	99

J. I. D.

ST. LOUIS.

The Market.

Business of late has been fairly good. The demand has been even and steady, no great rush at any particular time. Still, flowers are not overplentiful, and first class stock has been scarce. Commission men report good shipping orders, but can't fill them all, as home trade is using nearly all that comes in.

The two groundhogs at Forest Park came out on Friday last and saw their shadows, so the growers are looking for six more weeks of bad weather, and the chances are that stock will remain scarce and the prices up.

Prices.

Prices are still up, but not so high as last week, and stock is coming in better. Good first class Beauties are out of the question, and the few that come in are of second class quality and sell from \$10 to \$20 per 100. The best stock in Meteors, Brides, and Maids sells from \$8 to \$12; seconds, \$5 and \$6. Perles and Wootons, \$4 and \$5; seconds, \$2 and \$3. Carnations are about the same as last week. Not any too many in, but enough to go around, and they sell from \$2 to \$4 per 100 for the best; some poorer ones go at \$1.50. All colors seem to have a good demand and nearly all the stock that comes in is first class. Mr. J. W. Dunford, of Central, Mo., is sending in a fine lot; so is Henry Aue. Frank Fillmore's Flora Hills are very fine. Romans and paper whites not so plentiful as they were, and bring \$3 for the best; valley very fine at \$4; callas, \$10 and \$12; Harriell, \$12.50; freesia, \$1.50 to \$3. Violets seem plentiful and are extra fine in quality; Californias are 40 cents, double, the same; small singles, 25 cents; smilax is selling better at \$15.

Notes.

The euchre tickets are selling rapidly, and from the looks of things it will be a fine affair, as the best class of people are calling for tickets. One hundred prizes donated by the florists will be offered. The club expects to make handsomely, as the expenses will be small. This money will be used to pay the indebtedness incurred at our late show.

John M. Jordan, the well known florist, died Monday morning, Feb. 5, at 12:05 o'clock, after a lingering illness of nearly two years. Mr. Jordan, who was in his seventy-first year, was widely known by nearly every florist in the land, being at one time president of the Society of American Florists. The funeral will take place Wednesday afternoon, Feb. 7, at 2 p. m. The local florist club, of which Mr. Jordan was a life member, will attend in a body.

John Young, the head of the firm of C. Young & Sons Co., who has been sick the past week, is out again and looking as well as ever. This accounts for John not bowling last Monday night.

Otto Koenig is a happy father. It's a girl, so Uncle Julius reports. Congratulations are in order.

George M. Kellogg, president of the Maplewood Cut Flower and Plant Co., Pleasant Hill, Mo., is building an opera house, library, and gymnasium, to cost \$15,000. The building, which will be opened to the public on Easter Day, will be known as the Kellogg.

Miss Alice Cuming, daughter of Mr. Cuming, one of the superintendents of Tower Grove park, had a narrow escape from drowning while skating last Friday at Clayton.

Frank Fillmore reports that he has not resigned from the Bowling Club, having missed only two Monday nights. "Only a little rheumatics. Why, I am as young as any of you, and you may look for me to break the record during the February series."

A big fire swept four blocks in the business section on Sunday morning. Among the firms burned out were the well known seed firms of Schisler-Cornell Seed Co. and the Plant Seed Co. Schisler-Cornell Seed Co.'s loss will reach \$25,000 and the Plant Seed Co. about \$20,000.

Bowling.

At the bowling club's alleys last Monday night six members rolled five games. The rolling was only fair, although some good games were rolled. The scores were as follows:

	1	2	3	4	5	tot.	av.
C. A. Kuehn..	154	148	155	125	184	766	153
C. C. Sanders..	146	170	137	134	176	763	152
Emil Schray ..	127	166	147	138	...	578	145
J. W. Kunz...	153	135	115	148	162	713	143
J. J. Beneke..	166	146	118	110	151	691	138
F. C. Weber...	127	135	115	112	...	489	122

J. J. B.

CHICAGO.

The Market.

Roses are a shade more plentiful and therefore a shade easier in price, though quotations are practically unchanged. The carnation situation is about the same as last week—an abundant supply with many lots containing a considerable proportion unfit for shipping. On Monday the violet demand was brisk and the supply was well taken care of, but on Tuesday demand fell off and the stock moved slowly. The outlook for violets is good, though, and St. Valentine's day

Just Received. 20,000 Prepared Cycas Palm Leaves.....

(EXTRA FINE) in all sizes. Dull or Glazed Finished.

SPECIAL LOW PRICES to help us unload the surplus.

State sizes and quantity when asking for quotations.

M. RICE & CO., Importers and Manufacturers,
918 FILBERT ST., PHILADELPHIA, PA.

Mention The Review when you write.

is near at hand. The demand for violets on Valentine's day increases every year.

White flowers are at present in best demand and few good whites fail to find a buyer. The Armour funeral last week used up large quantities of fine stock, but only extra grades were used.

Lily of the valley had been moving slowly, but last Saturday and Monday the accumulated stock was well cleaned up, though at low prices, some going at as low as \$1.50 to \$2.00 a hundred. None of this was in shipping order and first class valley now brings \$4.00.

Klehm's Novelty tulips are now appearing in quantity at Kennicott Bros. Co.'s and they will have a large and continuous supply for some time.

Bassett & Washburn, McKellar & Winterson, E. C. Amling, Peter Reinberg and other dealers all report shipping trade as brisk.

Club Meeting.

At the last meeting of the Florists' Club seven new members were elected, as follows: Thos. G. Williams (Mr. Rudd's new foreman), W. Schmitz, J. A. Sikuta, E. Rosen, O. Bach, J. Algots and Jos. Zwick.

The members congratulated each other on the success of the recent carnation meeting and the committee's report was accepted.

A communication was received from the Horticultural Society expressing its satisfaction with the action taken by the club to insure good competition at the next annual show.

Several proposed changes in the by-laws were read and these will come up for action at the next meeting. And at the next meeting a special order will be a discussion as to the advisability of inviting the S. A. F. to hold its convention in Chicago in 1901.

A committee was appointed to arrange for a bowling contest to which the members' ladies are to be invited.

Mr. Rudd told of the hospitality of the New York club to the executive committee of the S. A. F. and of the valuable information he had acquired while on Manhattan Island. He also mentioned the "height of hospitality" shown by the Philadelphians in placing a figure 1 in front of the scores

[Continued page 282.]

Clear Cypress Greenhouse Material.

This *with us* means the best growth of Cypress Lumber and the best grade of that growth; and from this grade all the sap—bright sap, which only experts can detect—as well as stained sap, knots and other defects cut out. Others do not equal our quality if they do beat our prices. It is not hard to see the reason: You can not buy gold dollars at fifty cents each. Experienced growers know that the best is not too good and cheapest in the long run.

Write for Circulars
or Estimates.

Lockland Lumber Co.,
LOCKLAND, O.

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Real Estate,

Land with or without Greenhouses
in different parts of the United States.

BARGAINS can be had and opportunities opened
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your requirements.

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345 Sixth Ave., PITTSBURG, PA.

Get our quotations on Glass.

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PANSIES...WORTH RAISING

Good Plants by express, \$2.50 per 500;
\$4.00 per 1000. Seed as usual.

G. SOLTAU & CO., 199 Grant Avenue,
JERSEY CITY, N. J.

Cyclamen. Choice. In bud and bloom.
6-in., 33c; 5-in., 25c; 4-in.,
\$1.00 per dozen, \$8.00 per 100. September sown
seedlings, \$2.00 per 100. Cash, please.

H. L. PHELPS, SPRINGFIELD, ILL.
Mention The Review when you write.

E. G. Hill & Co.

Wholesale
Florists,

RICHMOND, INDIANA.

300,000 VERBENAS....

60 finest named varieties, including our
new mammoth white, Mrs. McKinley,
the finest white Verbena grown.

PERFECTLY HEALTHY. FREE FROM RUST.

Rooted Cuttings 60c per 100, \$5.00 per 1000.

Plants \$2.50 per 100, \$20.00 per 1000.

Our list is the choice from millions of seedlings.

Send for list. **J. L. DILLON, Bloomsburg, Pa.**

EDWARD B. JACKSON, Wholesale Florist.

HARDY HERBACEOUS PLANTS ONLY.

In any quantity for the least money.

STAMFORD, CONN.

EVERY FLORIST
OUGHT TO INSURE
HIS GLASS AGAINST **HAIL**

FOR PARTICULARS ADDRESS

JOHN G. ESLER, Sec'y, SADDLE RIVER, N. J.

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ESTABLISHED 1802

THORBURN'S SEEDS

Our Wholesale Price List of
Choice Flower Seeds for Florists

is now ready. A post-card
will bring it to you.

We have still on hand some of our
LILY OF THE VALLEY PIPS,
The Finest that come to this Country.
Per 1000, \$10.00. Cases of 3000 at \$3.00 per 1000

J. M. THORBURN & CO.

(Late of 15 John Street)

36 CORTLANDT STREET, NEW YORK

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NEW PINK CHRYSANTHEMUM MISS FLORENCE E. DENZER

The latest Mum. Blooms for Christmas.
See cut in Florists' Review of Dec. 21, 1899.
Rooted Cuttings, \$3.00 per 100; from 2½-in. pots,
\$10.00 per 100; and thirty other leading varie-
ties rooted cuttings, \$9.00 per 100; from 2½-
inch pots, \$15.00 per 1000.

Ready March 20th, 1900.
Cash with order, please.

ANTON C. ZVOLANEK,
WEST HOBOKEN, N. J.

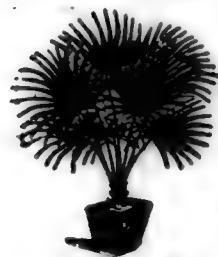
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1st Prize PERLES.

Place your orders now for Perle Rose Cuttings
and Plants. Remember, they are from The Perle
King of St. Louis and from prize-winning stock only.
Rooted Cuttings, per 100, \$1.75; per 1000, \$15.00
Two-inch pot plants, " 8.00; " 25.00
Cash or satisfactory reference,

J. F. AMMANN, - EDWARDSVILLE, ILL.

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Clare & Scharrath

Have a longer experience in mak-
ing **PREPARED PALMS** than
any other firm in the U. S. We
make them, too, where labor, space
and material are cheapest. We have
the pick of the finest material grow-
ing in abundance at our very doors
at **ORLANDO, Florida.**

Lowest Prices to Florists.

Mention The Review when you write.

GERANIUMS. Strong ROOTED CUTTINGS.

S. A. Nutt, Gen. Grant, La Favorite, and 50
other leading varieties. \$1.50 per 100; 2½-in. pots,
\$2.50 per 100. **Chrysanthemums**, good stock plants,
all the leading varieties, \$2.00 per 100 clumps.
Petunias, Dreer's collection, 2½-in. pots, \$2.50 per
100. **Grevillea Robusta**, 3-in. pots, \$5.00 per 100,
fine plants.

Converse Greenhouses, - WEBSTER, MASS.

Mention The Review when you write.

....Flower Seeds for Florists....

We are the **Largest Growers of Flower Seeds** of any American seeds-
men, both at **FORDHOOK FARMS**, where large areas of flowers are planted in the open
ground and where greenhouses and protected frames are devoted to the finest Flor-
ists' flowers, and by our contract growers in the most favorable locations of California
and other States. Not only are all these grown under our personal inspection, but
frequent visits to the leading growers of Europe, combined with the most complete
trials at **FORDHOOK FARMS**, where all our strains are tested each season in compari-
son with strains from other sources, enable us to know that our stocks of choice Flor-
ists' flowers are unsurpassed. They are equaled only in a few instances by special-
ists growing single varieties.

Both in Europe and America there are noted specialists growing a single va-
riety of flower under the most favorable conditions and our extended trials enable us
to select the finest of these special products for our customers.

In the descriptive headings of the different flowers will be found suggestions
as to the best varieties to plant for cut-flowers and to grow for flowering and orna-
mental potted plants for retail sales. We are glad to assist our customers at any
time in the selection of the most suitable varieties for the above purposes, and shall
cheerfully answer any inquiries in this line, from the experience gained in our exten-
sive trials and familiarity with the cut-flower markets of Philadelphia and New York.
We would request, however, that such inquiries be written separately from the order
to secure prompt attention, as under our system the orders are filled at once on re-
ceipt and the answers to questions are somewhat delayed when written in the order.

It is hardly necessary for us to refer to the complete assortments of **SWEET
PEAS, PANSIES and NASTURTIUMS** offered by us, having so long held the leading po-
sition in these specialties. We can equally recommend our grand strains of **ASTERS,
BALSAMS, BEGONIAS, CINERARIAS, COLEUS, CYCLAMEN, DIANTHUS, GLOXINIA, HE-
LIOTROPE, HOLLYHOCK, MIGNONETTE, PETUNIA, PHLOX, POPPIES, CHINESE PRIM-
ROSES, STOCKS, SALVIA and VERBENAS**, all of which are of the finest types and rich-
est colorings, and especially desirable for Florists' planting.

All Flower Seeds are **tested thoroughly** both for vitality and trueness to
type—just as thoroughly as are our Vegetable Seeds. There are so many "cheaply
grown" California and European Flower Seeds upon the market that some of our
prices may seem high—when for the quality they are really moderate. Florists will
find it more profitable to pay cash for **BURPEE'S SEEDS**, rather than to buy
upon long credit, even at lower prices.

Burpee's Blue List for 1900.

A complete catalogue giving lowest
prices possible for Florists and Market
Gardeners mailed free upon application.
It is a book of 144 pages, giving much
useful information and offering all the "Best Seeds that Grow."

W. ATLEE BURPEE & CO., PHILADELPHIA.

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K. J. KUYK, Ghent,
PLANTS.

K. J. KUYK, Hillegom,
BULBS.

I beg to announce that my representatives,

Mr. H. Y. Goemans and Mr. H. P. Hugenholtz,

have started on their annual trip to the United States and Canada to solicit
orders from importers of **PALMS, AZALEAS, ARAUCARIAS, SWEET
BAYS, FICUS, etc., and HOLLAND BULBS.** The address of my rep-
resentatives will be up to May 15th, care of Mr.

J. TER KUILE, 33 Broadway, NEW YORK CITY.

A splendid stock for Spring and Fall delivery is on hand.

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Pansies...

Fine Plant, large flowering strain, \$2.50 per 1,000
150 Obconica Grandiflora Primula, 2 00 per 100
100 Forbesi Primula..... 2.00 "
Geranium, 16 varieties..... 3.00 "
CASH, PLEASE.

JOS. H. CUNNINGHAM, DELAWARE, OHIO.

Always mention the Florists' Review when
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ROOTED CUTTINGS.....

Verbenas, 40 var., 60c per 100, \$5.00 per 1000.
Petunias, 30 var., \$1.25 per 100. Heliotrope, 15 var.,
\$1.00 per 100. Coleus, 30 var., 70c per 100, \$6.00 per
1000. Ageratum, 3 kinds, include Princess Pauline,
70c per 100; Alyssum Dble., \$1.00 per 100; Lanta-
nas, 4 kinds, \$1.25 per 100. Salvias, 3 kinds, \$1.00
per 100. Geraniums, mixed, from 2-inch pots,
strong plants, \$2.50 per 100.

Express prepaid and satisfaction guaranteed.
Cash with orders. Do not send checks.

Our Cuttings are good. Write

S. D. BRANT, Clay Center, Kan.

SAMUEL S. PENNOCK. Wholesale Florist

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American Beauties and Valley Our Specialties. 1612-14-16-18 Ludlow St., Philadelphia, Pa.

Mention The Review when you write.

PHILADELPHIA.

The florists of this city report a perceptible change for the better in business the past week and a busy February is predicted. The majority feel they are in a position to appreciate an improvement as business has been exceptionally dull since the holidays.

Entertainments and balls have been quite numerous the past week, using up considerable material in the way of cut flowers and decorative stuff, and most of the florists have had no reason to complain.

Prices range about as follows: Beauties, \$1 to \$6 per dozen; Brides and Maids, \$4 to \$12 per 100; Kaiserins, Meteors and Golden Gates, \$4 to \$10; Perles, \$3 to \$6; Gontiers, \$3 to \$5; Morgans, \$3 to \$8. Carnations, ordinaries, \$1 to \$1.50; fancies, \$2 to \$3; hyacinths, valley and narcissus, \$3 to \$4; cattleyas, \$50; cypripediums, \$15; tulips, \$3 to \$4; violets, single 25 to 50 cents, double 50 cents to \$1; mignonette, \$3 to \$4; callas, \$8 to \$12; asparagus, \$50; adiantum, \$1; smilax, \$15.

The horses of Chas. Fox, Jr., and Julius Wolf, Sr., ran away last week, smashing the wagons and injuring Mr. Wolf's horse so badly that it had to be killed.

The so-called cut flower hustlers gave a "smoker" the past week that was quite an event. All present report a jolly time.

We regret to have to report the death of Thomas James, an employe of Pennock Bros., of pulmonary trouble. He entered the employ of the firm when a mere boy in 1876 and had been with them steadily until his death. He was a faithful employe and was much respected by all who knew him. R.

OAKDALE, N. Y.—Seymour Burr, whose greenhouse was recently destroyed by fire, estimates his loss at \$1,000, with no insurance. He contemplates rebuilding.

NORTHAMPTON, MASS.—A joint meeting of the horticultural societies of Springfield, Holyoke, and Northampton was held here Jan. 23, with 100 people in attendance. Addresses were made by E. P. Copeland, Prof. Ganong, W. T. Hutchins, G. H. Sinclair, and A. Mieliez.

THE Chicago Carnation Co., Joliet, Ill., are sending out some fine blooms and rooted cuttings of carnations. This firm is probably the only one in the country growing carnations exclusively, the entire place being devoted to the Divine flower. Their new trade list has just been issued.

PITTSBURG CUT FLOWER CO., Ltd. WHOLESALE FLORISTS.

Long Distance
Phone 2157.

CONSIGNMENTS SOLICITED.

No. 504 Liberty St.,

FLORISTS' SUPPLIES.

Write for Price List.

PITTSBURG, PA.

Mention The Review when you write.

Asparagus Plumosus

Cut Strings
8 feet long.
50c per string.

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Shipped
to any part
of the country.

W. H. ELLIOTT,
BRIGHTON, MASS.

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100,000 PLANTS Ready.

Per 100

Clara Bedman Salvia.....	2.00
Geranium De Roo Mitting.....	2 1/4-inch..... 7.00
Geranium Double Snow Drop ..	"..... 7.00
Geranium Mme. Sallerol.....	"..... 2.00
New Yellow Baby Primrose.....	"..... 7.00
22 Coleus, fine, named, new.....	"..... 4.00
20 Standard Coleus, named.....	"..... 1.50
30 Double Petunias, mixed.....	"..... 2.00
Primula Obconica, 3 1/4-inch.....	"..... 2.50
Primula Obconica, 2 1/4-inch.....	"..... 2.00
Primula, Chinese, 2 1/4-inch.....	"..... 1.00
Primula Chinese, in bud and bloom, 3 1/4-in..	"..... 2.50
Primula, from flats, strong.....	"..... .50
Velvet Plant.....	"..... 2.00
15 Begonias, flowering, named, 2 1/4-inch.....	"..... 1.50
Forget-Me-Not, winter flowering, 2 1/4-inch ..	"..... 1.50
Iresines, 2 varieties, red and yellow, 2 1/4-inch.	"..... 1.50
Cannas, large flowering, mixed.....	"..... 1.00
Mesembryanthemum Erectum, 2 1/4-inch.....	"..... 1.50
California Moss.....	"..... 1.50
Lycopodium Dent.....	"..... 1.50
Alternanthera, 4 varieties.....	"..... 1.50
Feverfew, Little Gem.....	"..... 1.50
Feverfew, yellow foliage.....	"..... 1.50
Dusty Miller.....	"..... 1.50
Cigar Plant.....	"..... 1.50
Vinca, variegated, trailing.....	"..... 2.00
Ferns, mixed, our selection, 2 1/4-inch.....	"..... 5.00
Lobelia, Crystal Palace Gem.....	"..... 1.50

Five plants at 100 rates. All our Plants are in
At condition.

THE MORRIS FLORAL CO., MORRIS, ILL.

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for all the best novelties of the season in

Chrysanthemums, Carnations and Geraniums.

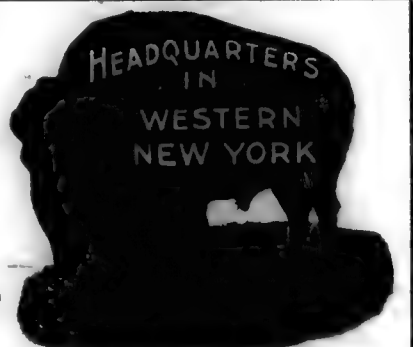
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WE CAN
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Roses,
Carnations
and all
kinds of
Seasonable
Flowers
in stock.



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481 Washington St., BUFFALO, N. Y.
Also Dealer in Florists' Supplies and Wire
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444 Sixth Ave., PITTSBURG, PA.

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Pad of 100 sheets, mailed for 24 cents in stamps.

Ten Pads (1000 sheets), by express, \$1.75.

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NEAR THE FERRY.

Open Every Morning at 6 o'clock for the sale of
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Wall space for Advertising purposes to Rent.

J. DONALDSON, SECRETARY.

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GOLD FISH and AQUARIUM SUPPLIES.

Send for
Price List.

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SEED
STORE.

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Wentworth Avenue,
CHICAGO

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**VERBENA KING.**

The largest Verbena grower in the world (Bros. & Sisters); we have them, too, the very best mammoth named vars. on earth and sure to please you at the following prices—60c per 100, \$5.00 per 1000; 5000 for \$22.00; 10,000 for \$40.00.

Write for prices on larger lots.

Look here! we pay express charges on all

Rooted Cuttings, and beside, we guarantee satisfaction in every shape and manner and we will do it for

Carnations--Rooted Cuttings.

Flora Hill—\$1.50 per 100; \$14.00 per 1000.

Lizzie McGowan—\$1.60 per 100; \$9.00 per 1000.

Wm. Scott—\$1.00 per 100; \$9.00 per 1000.

AGERATUM—Cope's Pet, blue; Lady Isabel, white; 60c per 100; \$5.00 per 1000.

DAISIES. California, White, Yellow Castle, both stand the heat and dry weather. Well-rooted Cuttings, \$1.00 per 100; \$9.00 per 1000; 2-in. strong, \$2.00 per 100. Send for list. **THAT CASH, PLEASE.**

We pay the express on all Rooted Cuttings. Our guarantee goes with everything we send out.

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NOW IS THE TIME TO BUY

ASPARAGUS

Plumous Nanus Seed (home grown), every seed will germinate, \$1 per 1000; \$9 per 10000. Asparagus Sprenger Seed, new crop, 75c per 1000; \$6 per 10000.

HENRY F. MICHELL
1018 Market St., Phila.
WHOLESALE PRINCIPALITY—SEEDS HOLLAND
SHRIMPED TO ORDER BY STEAMERS AND TO APRILO 1901

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Perry Watson & Co.

CALIFORNIAN SEED HOUSE**—SPECIALTIES—**

Onion Seed	Sweet Peas	Lima Beans
Lettuce	Cosmos	Salt Bush
Celery	Hollyhock	Bromus Grass
Carrot	Verbenas	Bermuda "
Salsify	Asters	Johnson "
Parasip	Mignonette	
etc.	etc.	etc.

ALL CALIFORNIA GROWN. WHOLESALE ONLY.

SACRAMENTO CALIFORNIA

Mention The Review when you write.

...MAMMOTH VERBENAS...

Mammoth Verbenas, large rooted plants, 60c per 100, \$5 per 1000. Cyclamen, 3-in., \$5 per 100; in bud and bloom, 4-in., \$1.25 per doz. Geraniums S. A. Nutt, Grant, LaFavorite, Hill and Pink, 3-in., \$3 per 100. Stocks, white or mixed, double, 2-in., \$1.50 per 100. Rooted Cuttings—Double and single Petunias, mixed, \$1 per 100. Ageratum Princess Pauline, 70c per 100. Lobelia, \$1 per 100.

SAMUEL WHITTON, 15-17 Gray Ave., UTICA, N. Y.

Mention The Review when you write.

Geraniums.

Best bedding kinds, mixed, from

2 to 2½-in h pots, at \$2.50 per 100.

ROOTED CUTTINGS OF LIZZIE MCGOWAN CARNATION, at \$5.00 per 1000. Cash.

B. F. MUSCHERT, - - Penn Valley, Pa.

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CHICAGO CARNATION CO., The Great and Only Carnation Specialists

CUTTINGS NOW READY.

	Per doz.	Per 100	Per 1000	Blooms per 100
Genevieve Lord, the peer of any light pink				
Carnation ever offered.....	\$2.00	\$10.00	\$75.00	\$1.00
Chicago, scarlet Bradt.....	1.50	7.50	60.00	4.00
Mrs. Lawson, cerise pink.....	3.00	14.00	120.00	
Olympia, variegated.....	2.00	12.00	100.00	
Ethel Crocker, pink.....	1.50	10.00	75.00	

	Per 100	Per 1000	Blooms per 100		Per 100	Per 1000	Blooms per 100
Frances Joost, pink.....	\$2.50	\$20.00	\$3.00	Argyle, carmine.....	\$2.50	\$20.00	\$4.00
Mrs. Jas. Dean, pink.....	2.50	20.00	4.00	Jubilee, scarlet.....	2.00	15.00	4.00
John Young, white.....	2.50	20.00	4.00	Armazindy, variegated.....	2.00	15.00	2.00
White Cloud, white.....	4.00	30.00	4.00	Evelina, white.....	2.00	15.00	2.00
Mrs. Bradt, variegated.....	5.00	40.00	\$1 to \$3	New York, deep pink.....	2.00	15.00	2.00
Gen. Nacco, crimson.....	6.00	50.00	4.00	Wm. Scott, pink.....	2.00	15.00	2.00
Gen. Gomez, crimson.....	6.00	50.00	4.00	Victor, pink.....	2.00	15.00	2.00
G. H. Crane, scarlet.....	6.00	50.00	4.00	Daybreak, light pink.....	2.00	15.00	2.00
Gold Nugget, yellow.....	2.50	20.00	4.00	Flora Hill, white.....	2.00	15.00	3.00

CHICAGO CARNATION CO., Greenhouses and Address, JOLIET, ILL.

VERBENAS...

The Finest in the Land. Pot Plants, \$2.50 per 100; \$20 per 1000. Rooted Cuttings, \$1 per 100; \$6 per 1000.

COLEUS

Rooted Cuttings, \$1 per 100; \$7.50 per 1000. Pot Plants, \$3 per 100; \$25 per 1000.

Latania Borbonica.
3 in., \$8.00 per 100—4 in., \$18.00, 5 in., \$1.50 per doz.; 6 in., \$8.50 per doz.

Chrysanthemums. Pot Plants.

Col. Smith, E. Dailedouze, Frank Hardy, Evangeline, Glory of Pacific, Golden Wedding, Golden Trophy, Helen Bloodgood, Ivory, Jennie Falconer, Louis Boehmer, Mrs. Murdoch, Major Bonaffon, Modesto, Mariau Henderson, Marquis de Montmort, Mrs. C. H. Pierce, Mrs. Martin Ryerson, Mrs. Robinson, Niveus, Queen, Sunrise, Snow Queen, Vivand-Morell, V. H. Hallock, Wm. Simpson, W. H. Lincoln, Wm. H. Chadwick, Western King, Yellow Fellow, Yellow Queen. \$3.00 per 100.

Carnations. Rooted Cuttings.

Scott, Pierson, McGowan, Helen Keller, Ivory. \$1.50 per 100; \$10.00 per 1000. Mayor Pingree, Flora Hill, Daybreak, Mrs. Chas. Duehme. \$2.00 per 100.

Petunias.
Dreer's Set.....\$1.00 per 100
Double White.....4.00 "

Cineraria. \$3.00 per 100.
3 inch.....\$5.00 per 100
4 ".....10.00

Heliotrope.
Czar, Czarina and five other fine sorts. \$3.00 per 100.

Oleanders.
Very fine Double Pink and Double White. \$6.00 per 100.

Geraniums.
Mt. of Snow—Happy Thought, \$4.00 per 100.
Mrs. Parker, \$6.00 per 100.
Mrs. Pollock, \$5.00 per 100.
Mme. Salleron, Rose and Ivy Geraniums—Sou. de Chas. Turner, \$3.00 per 100.
S. A. Nutt, Master Christine, Queen of the West, Queen of Belgians, etc., all colors, \$3.00 per 100.
A. Riccard, Athlete, Beaute de Poitevine, Pres. Leon Picas, E. G. Hill, J. J. Harrison, \$1.00 per 100.

Roses. Per 100
Bride and Bridesmaid....\$3.00
" " 3 in., strong 3.00
Hermosa and Souper....4.00
Monthly, in variety.....3.00
H. P.'s such as Jack, Dinsmore, Paul Neyron.....5.00
H. P.'s in variety.....4.00

Miscellaneous.

Per 100
Alyssum, 3 var.....\$3.00
Ageratum, Cope's Little Pet 3.00
Ampelopsis Veitchii.....4.00
Abutilon, B. de Neige and Souv. de Bon.....4.00
Alternanthera, 2 var.....2.50
\$20.00 per 1000.
Cuphea.....3.00
Cyclamen, 4-in.....\$2.00 pr dz.
" 5 ".....4.00 "
Dracaena Indivisa, 5-in., \$2.00 "

Per 100
Fuchsias.....\$3.00
Feverfew, Little Gem.....3.00
Heliotrope, fine sorts.....3.00
Hydrangea, Hortensis.....4.00
Ivies, English.....4.00
Lopesia Rosea.....4.00
Libonia Peurho Siensis.....3.00
Manettia Vine.....4.00
Lantana.....3.00
Lemon Verbena.....4.00
Marguerite, white.....3.00
Marguerite, yellow.....4.00
Nierembergia.....3.00
Othonna.....3.00
Oleanders, double pink and white.....6.00
Salvia, scarlet.....3.00
Vincas, 2 var., strong.....3.00
" 4-inch.....15.00
Santolina Incana.....3.00
Pelargoniums, mixed.....4.00

W. L. SMITH.....WHOLESALE FLORIST.....AURORA, ILL.

Red Pots

**STANDARD SIZE
WIDE BOTTOMS
AT RIGHT PRICES**

**OUR IMPROVED
CUT FLOWER BOX**

**BEST
BOX IN THE
MARKET.**

OUR CATALOGUE—Every Florist should have it. Contains illustrations of all Supplies and Wire Designs.

C. C. POLLWORTH CO.....MILWAUKEE, WIS.

E. H. HUNT

THE "OLD RELIABLE" FOR

Wholesale

Cut Flowers

Hunt's Flowers Go Everywhere.

76 Wabash Ave. CHICAGO.

Mention The Review when you write.

A DOUBLE CATTLEYA.

We have received from Mr. A. Mc-Adams, Chicago, a bloom of Cattleya Trianae having five sepals and four petals. There are two columns, one inside and the other outside the throat and it is evidently two flowers grown together, though all the parts are not duplicated. The lip is richly colored and the general effect is very pleasing, there being little suggestion of a monstrosity. It is certainly very interesting.

DENVER, COLO.

The following scores were made by the Denver Florists' Bowling Club on January 30:

	1st	2nd	3d	av.
Robt. Kurth	198	193	140	177
Al Mauff	138	187	201	175
John Berry	154	194	176	175
Chas. Mauff	194	131	199	175
Geo. Brenkert	155	157	198	170
A. M. Lewis	193	153	131	159
Chas. Thies	156	151	144	150
Chas. Franz	137	133	155	142
Geo. Zimmer	176	123	124	141
John Ferris	121	138	150	136
Ed. Emerich	144	114	156	138

G. A. Z.

E. C. AMLING

WHOLESALE

CUT FLOWERS

51 Wabash Ave., Chicago.

W. S. HEFFRON, Mgr.

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BENTHEY & CO.

F. F. BENTHEY, Mgr.

WHOLESALE AND COMMISSION Florists.

Consignments Solicited.

41 Randolph St. CHICAGO.

Mention The Review when you write.

McKELLAR & WINTERSON'S

Modern Supply House

is the place to buy your CUT FLOWERS, SUPPLIES, SEEDS, BULBS, ETC., ETC.

We are strictly headquarters in the Western States for MASSACHUSETTS FANCY FERNS,

Present prices: Per M, \$1.25; per 5 M lots, \$5.00.

Now Ready.....CARNATION CUTTINGS, VIOLET PLANTS, FORCING ROSES, YOUNG STOCK OF ALL KINDS.

All stock at lowest possible prices. Write for new catalogue.

McKELLAR & WINTERSON,

45-47-49 WABASH AVE., CHICAGO.

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Bassett & Washburn

76 Wabash Ave., CHICAGO, ILL.

Wholesale Growers of and Dealers in CUT FLOWERS

Greenhouses at Hinsdale, Ill.

Mention The Review when you write.

PETER REINBERG,

Wholesale Grower of CUT FLOWERS.

500,000 feet of Glass.

Headquarters for fine AMERICAN BEAUTIES.

51 Wabash Avenue, CHICAGO.

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A. L. RANDALL

Telephone 1498 Wholesale Florist,

4 Washington St., Chicago.

In our new and enlarged quarters we are better prepared than ever to handle your orders.

Mention The Review when you write.

WHOLESALE GROWER OF ROSES. DEALER IN CUT FLOWERS.

J. A. BUDLONG,

37-39 Randolph St., CHICAGO, ILL.

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Maplewood Cut Flower and Plant Co.

GEO. M. KELLOGG, Pres.

Growers of CUT FLOWERS at Wholesale.

Regular shipping orders given special attention. We have the largest plant west of Chicago.

Store: 906 Grand Ave., KANSAS CITY, MO

Greenhouses; Pleasant Hill, Mo.

Mention The Review when you write.

WIETOR BROS.

Wholesale Growers of Cut Flowers.

All telegraph and telephone orders given prompt attention.

51 Wabash Avenue, CHICAGO.

Mention The Review when you write.

C. A. KUEHN

WHOLESALE FLORIST

Cut Flowers and Florists' Supplies.

Manufacturer of the Patent Wire Clamp Floral Designs. A full line of supplies always on hand. Write for catalogue and prices.

1122 PINE STREET, ST. LOUIS, MO.

Mention The Review when you write.

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G. Berning

WHOLESALE FLORIST,

1322 Pine Street, ST. LOUIS, MO.

Mention The Review when you write.

ELLISON & TESSON,

WHOLESALE SHIPPING FLORISTS

3134 Olive Street, ST. LOUIS, MO.

...Home Grown Stock...

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416 Walnut St. CINCINNATI, O.

Wholesale Florists

Consignments Solicited.

Special Attention Given to Shipping Orders

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W. A. MANN. FRANK W. BALL.

KLEHM'S NOVELTY TULIPS, \$4.00 Per 100.

KLEHM'S NOVELTY TULIPS, \$4.00 Per 100.

KENNICOTT BROS. CO.

Wholesale Commission Florists

And Dealers in All Kinds of

FLORISTS' SUPPLIES,

42 and 44 E. Randolph St.

CHICAGO, ILL.

Address all mail or telegrams direct to the firm to insure promptness.

Carnation Cuttings

SOME OF THE LEADERS FOR 1900.

	Per 100	Per 1000
Cerise Queen Pink.....	\$2.50	\$20.00
G. H. Crane Bright scarlet early and continuous bloomer. A most satisfactory variety	6.00	50.00
Mrs. Geo. M. Bradt White, striped scarlet, nothing to equal it	5.00	40.00
White Cloud A white variety of true merit.....	4.00	30.00
White Daybreak (P. M. Broadbeck.) One of the best whites	6.00	50.00
Maceo Deep crimson very free.....	6.00	50.00
Gomez Crimson; lighter in color than Maceo.....	5.00	40.00
Glacier Pure white, medium height, early and free..	6.00	50.00
America Scarlet, an excellent variety.....	5.00	40.00
Gold Nugget Yellow, best in its class	4.00	30.00

.....OUR.....

"WIRE WORK"

like our Flowers, always a little better and always a little cheaper than elsewhere. ***
Special discount

"SALE"

now on. ***

Write for Special Quotations.

What We Have Always Claimed.....

Give the country buyer the Chicago Market Price at the time of shipment

IF WE CAN'T FILL YOUR ORDER IT IS NOT TO BE HAD.

A NEW SHIPMENT OF MAHONIA LEAVES NOW IN, \$1.00 Per 100.

KLEHM'S NOVELTY TULIPS, \$4.00 Per 100.

KLEHM'S NOVELTY TULIPS, \$4.00 Per 100.

PITTSBURG.

Cut flower trade is about the same as last reported—spotty, with occasional large funeral orders, creating more demand for white flowers. Roses are still scarce; carnations more plentiful, but a large percentage of them are of the lower grades.

The Pittsburg Cut Flower Co. are handling a large lot of carnations, especially Saturdays, which is main market day in both cities.

Wm. F. Lauch, of Carrick, is sending in some good Red Jackets, a variety not much grown hereabouts.

The growers all complain of the Harbison; more disease than last year. Several of the growers have discarded them entirely, as the loss amounts to 40 or 50 per cent, besides the labor of caring for them four or five months.

There will be about five or six go from here to the Buffalo meeting. Probably they will have some carnation blooms to exhibit.

We are getting very few sunny days this winter, which probably accounts for the scarcity of roses.

Several of us have received Scott's Manual and are well pleased with it.
BAER.

OCEANIC, N. J.

At the regular meeting of the Monmouth County Horticultural Society one proposal for membership was received.

It was decided to hold the third annual ball February 22. A committee of five was appointed to take the matter in hand.
B.

CORRECTION.

In the advertisement of Peter Reinberg in our last issue the prices of rotted cuttings of carnations Frances Joost, Evanston, and Jubilee should have been \$2.50 per 100 and \$20.00 per 1,000, instead of \$2.00 per 100 and \$15.00 per 1,000. The prices are correctly given in the adv. in this issue.

M'KINNEY, TEX.—Geo. W. Taylor has completed another 24-foot house and will be a wholesale and retail dealer in roses, small shrubs, and tropical plants.

Ethel Crocker. Absolutely the Best Pink Carnation ever offered the trade.

A fact fully borne out by its record, being equally good with Craig, Hill and myself (an assurance that it is not a success in one soil and a failure in another.) By its having been shown at the flower shows and clubs since early in September (an assurance that it is not a good late carnation but an all season variety.)

In color, size, fragrance and stem it is just what the "storemen" want. In habit, constitution and freedom of bloom it is just what the grower wants. It produces more flowers to the square foot than any other known variety, and is never out of crop from September to July.

With 18,000 stock plants to work from there is no danger of it being overpropagated, and all orders entrusted to me will be filled with cuttings selected from the plants and also in filling the order, by myself, thus doubly assuring good stock. Honest sample blooms furnished prepaid at \$1.00 per dozen, amount deducted from all orders for 100 or over. Up to date every sample excepting one out of several hundred sent has brought an order.

Price per 100, \$10.00; per 25, \$2.50. Per 1000, \$75.00; per 250, \$18.75.

HERR'S PANSIES, good little plants at 75c per 100; \$4.00 per 1000.

Price list of standard varieties ready now.

ALBERT M. HERK, Lancaster, Pa.

Mention The Review when you write.

CARNATIONS...

LARGE STOCK OF STRONG
ROOTED CUTTINGS NOW READY

G. H. Crane, Morning Glory, Maceo, Glacier, Gomez, America, Red Mrs. Bradt (or Chicago), Mary Wood and other good standard sorts.

Mrs. Geo. M. Bradt for March delivery — all the early stock sold.

FIVE 1900 NOVELTIES.

Mrs. Thos. Lawson, Ethel Crocker, The Marquis, Olympia and Genevieve Lord. At introductory prices.

We make a Specialty of Rooted Cuttings, and have three houses of stock growing for that purpose only.

SEND FOR DESCRIPTIVE PRICE LIST.

F. DORNER & SONS CO., LaFayette, Ind.

Mention The Review when you write.

NEW CARNATIONS...

FLOWERING FOURTH YEAR.

"Lady Minto."

Flower 2½ to 3 inches. Pure white ground and not too heavily penciled red. Fragrant. Free and continuous bloomer. Good calyx and long, stiff stem.

This handsome flower is a favorite, sells on sight and will be found in the front rank of the variegated sorts.

"Lady Van Horne."

Unquestionably of the purest shade of cerise pink, and magnificently brilliant when seen by artificial light.

A perfectly symmetrical flower, 2½ to 3 inches, on long, stiff, wiry stem, and no bursting of calyx. Early and continuous. An ideal flower in every respect.

\$7.50 per 100; \$60.00 per 1000.

MILLER & SONS,

Canada.

Bracondale, Ont.

Mention The Review when you write

ELM CITY A Grand New
White....

Carnation

Seedling of Lizzie McGowan
and Mme. Diaz Albertini,
in its fifth year.

The flowers are large, finely shaped and of strong fragrance. Petals are heavy, of good substance and nicely fringed. Calyx is very strong, after the style of Mme. Albertini, and none bursting; the stem strong, holding the flower erect. The plant is a good grower and free bloomer, not subject to stem rot or any disease. Rooted cuttings ready February 1st, \$1.50 per doz., \$10 per 100, or \$70 per 1000. Cash with order. We shall prepay the express where money accompanies the order. Orders filled in rotation.

M. E. KRAUS, 320 Davenport Ave., NEW HAVEN, CONN.

Mention The Review when you write.

NEW LIGHT PINK CARNATION Genevieve Lord

Peerless in its class. The coming light pink. As a commercial variety it will score its greatest triumph. As an exhibition variety it will take care of itself. Its reputation is already made. We recommend it to you as being first-class in every way. It has won highest honors wherever exhibited. In a word it is the light pink par excellence. Better than Scott in its palmiest days. There will be no attempt to over-propagate it. First come, first served. Send for complete description.

\$75.00 per 1000; \$10.00 per 100; \$2.00 per doz.

Also Mrs. Thos. W. Lawson,
Ethel Crocker, Olympia, Marquis,
J. Whitcomb Riley, Chicago and
Estelle at introducers' prices.

PLEASE NOTE—Stock for delivery prior to March 15th all sold.
Are now booking orders for that date and later. Stock is
going fast. Don't delay.

H. WEBER & SONS, Oakland, Md.

Mention The Review when you write.



**100,000
R. C.
Carnations
Ready TO SHIP**

Early orders get the best stock.

	Per 100
Mrs. Thos. W. Lawson	\$14.00
Ethel Crocker, pink	10.00
Olympia, variegated	12.00
The Marquis, pink	10.00
Genevieve Lord, pink	10.00
G. H. Crane, scarlet	5.00
America, scarlet	4.00
Melba, light pink	3.00
Mrs. G. Bradt, variegated	3.00
Glacier, white, fine	3.00
Maud Adams, dark pink	3.00
Gomez, dark red	4.00
Mrs. F. Joost, pink	2.50
Gold Nugget, yellow	3.00
Argyle, pink, fine	1.50
Triumph, pink	1.50
Daybreak, shell pink	1.00
Empress, dark red	1.00
Flora Hill, white	1.25
White Cloud, white	2.50
Mary Wood, white, fine	3.00
Jubilee, scarlet	1.50
Psyche, variegated	1.00
Gen. Maceo	4.00
Armazindy	1.50

12 cuttings at 100 rate.
All Cuttings Warranted A1.

The Morris Floral Co.

MORRIS, ILL.

Mention The Review when you write.

Carnation Cuttings...

NOW READY.

Jubilee, White Cloud, Daybreak, Flora Hill and other standard varieties. Write for prices. We control the original stock of **MME. CHAPMAN** the Grand Rapids pink sport of D. B.

CRABB & HUNTER, Grand Rapids, Mich.

Mention The Review when you write.

For Spring Planting. The Reliable new **EVER BEARING PEACH**, also the **ELBERTA** and other choice varieties. **JAPAN PLUMS**, all the most approved sorts. Select assortment small fruits. Prices for above very reasonable. Address

MILFORD NURSERIES, - Milford, Del.

Mention The Review when you write.

CARNATION CUTTINGS.

	Per 100	Per 1000		Per 100	Per 1000		Per 100	Per 1000
Mrs. Lawson	\$14.00	\$120.00	Evanston	\$2.50	\$20.00	Argyle	\$1.25	\$10.00
G. H. Crane	5.00		Jubilee	2.50	20.00	Armazindy	1.25	10.00
America	5.00	40.00	Victor	2.00	15.00	Lizzie McGowan	1.00	7.50
Melba	4.00	30.00	White Cloud	2.50	20.00	Evelina	1.00	7.50
Leslie Paul	4.00	30.00	Flora Hill	2.00	15.00	Mayor Pingree	1.00	7.50
Gov. Griggs	4.00	30.00	Gold Nugget	2.00	15.00	Wm. Scott	1.00	7.50
Mrs. Bradt	4.00	35.00	Triumph	2.00	15.00	Nivea	1.00	7.50
Frances Joost	2.50	20.00	Daybreak	1.25	10.00	Morello	1.00	7.50

ROSE CUTTINGS.

METEOR	per 100, \$1 50	PERLE	per 100, \$1 50
BRIDESMAID	1 50	GOLDEN GATE	2 50
BRIDE	1 50		

Write for prices on large lots.

All Cuttings sold with the express understanding that if not satisfactory they are to be returned at once, when money will be refunded.

PETER REINBERG, 51 WABASH AVENUE, CHICAGO.

Mention The Review when you write.

NEW CARNATIONS.

We are now ready to receive orders for strong rooted CUTTINGS.....

GEN. MACEO } \$1 per doz., \$6 per 100, \$50 per 1000.
G. H. CRANE }
GLACIER }
MORNING GLORY }

GEN. GOMEZ } 75c per doz., \$5 per 100, \$40 per 1000.
MRS. G. M. BRADT }

WHITE CLOUD } 50c per doz., \$4 per 100, \$30 per 1000.
GOLD NUGGET }

25 at 100 rate. 250 at 1000 rate.

We have Fine Large Stocks and will deliver only Fine, Strong, Well-Rooted Cuttings.

THE COTTAGE GARDENS, - QUEENS, N. Y.

Mention The Review when you write.

FIELD GROWN CARNATIONS

BEST NEW AND STANDARD VARIETIES.
Write for catalogue and prices.

W. P. PEACOCK, ATCO, N. J.

Mention The Review when you write.

NEW CROP WINTER BLOOMING CARNATION SEEDS.....

Hand Fertilized. 25 cents per 100.

CASH WITH ORDER.

AMERICAN ROSE COMPANY, WASHINGTON, D. C.

Mention The Review when you write.

CARNATIONS Rooted Cuttings

of all the NEW and LEADING VARIETIES. Send for prices.

GEO. HANCOCK & SON, GRAND HAVEN, Mich.

Mention The Review when you write.

FOLLOWING ROSES

in 2-inch, NOW READY TO SHIP:

Perles, Woottons, Kaisersins, Maids and Beauties; also first shifting in 2½s ready for 3s. Write for prices.

A SPECIAL IN BOSTON FERNS in 5-inch pots.

GEO. A. KUHL, PEKIN, ILL.

Mention The Review when you write.

CLASSIFIED PLANT ADVERTISEMENTS.

Rate for advertisements under this head, 10 cents a line net, per insertion. New advs. and changes must reach us by Wednesday morning at latest to secure proper classification in issue of Thursday.

ABUTILON.

Abutilon Eclipse, fine stock, 2½-in., \$4.00 per 100. Beach & Chessman, Richmond, Ind.

ACALYPHA.

Acalypha Sanderi, fine 2½-in. plants, \$3.00 per 100. The Conard & Jones Co., West Grove, Pa.

AGERATUM.

Princess Pauline and Brighton Beauty, the best of all and the only ones to grow, 2½-in., \$2.50 per 100. Beach & Chessman, Richmond, Ind.

Ageratum Princess Pauline, the only one to grow. Extra strong, 2½-in., \$2.50 per 100. South Side Floral Co., Springfield, Ill.

Ageratum, rooted cuttings, blue and white, \$1.00, Princess Pauline \$1.25 per 100. Greene & Underhill, Watertown, N. Y.

Cope's Pet, blue; Lady Isabel, white, 60c per 100; \$5.00 per 1000. C. Humfeld, Clay Center, Kans.

Princess Pauline, rooted cuttings, 70c per 100. S. Whitton, 15-17 Gray Ave., Utica, N. Y.

Princess Pauline, 2½-in., \$3.00 per 100. National Plant Co., Dayton, Ohio.

ALTERNANTHERA.

Alternanthera, rooted cuttings, summer struck, \$1.00 per 100; \$9.00 per 1000. Rooted cuttings, 60c per 100; \$5.00 per 1000. Greene & Underhill, Watertown, N. Y.

40,000, 4 varieties, red, yellow, pink and large pink leaved, strong, full of cuttings; were potted last August, 2½-in., \$2.00 per 100. Morris Floral Co., Morris, Ill.

ALYSSUM.

Double flowered, fine 2-in. plants, \$2.50 per 100. Beach & Chessman, Richmond, Ind.

ANTHERICUM.

Anthericum, 3-in., \$5.00 per 100. Greene & Underhill, Watertown, N. Y.

Anthericum Var., 2½-in., \$4.00 per 100. Beach & Chessman, Richmond, Ind.

ASPARAGUS.

A. plumosus nanus seed, doz., 15 cts; 100, \$1.00; 1000, \$9.00. A. Sprengeri, doz., 10 cts; 100, 75 cts; 1000, \$6.00. H. H. Berger & Co., 47 Barclay St., New York.

Asparagus Plumosus Nanus, nice plants, 2½-in. pots, \$4.50 per 100; \$40.00 per 1000. Sprengeri, 2½-in., \$3.50 per 100; \$30.00 per 1000. John A. Doyle Co., Springfield, Ohio.

350 Asparagus Sprengeri, 4-in. pots, \$6.00 per 100. Cash with order. Floracraft Gardens, Moorestown, N. J.

6-ft. strings, \$50 each; 8 to 12-ft. strings, \$450 each. Cash. H. M. Altick, Dayton, O.

BEGONIAS.

Single, rose scarlet, white, yellow, orange, 40c per doz.; \$2.50 per 100; \$20.00 per 1000. Singles in choicest mixture, 35c per doz.; \$2.00 per 100; \$18.00 per 1000. Double, rose, scarlet, white, yellow, 65c per doz.; \$5.00 per 100; \$40.00 per 1000; double in choicest mixture, 50c per doz.; \$4.00 per 100; \$35.00 per 1000. Henry Dreer, 714 Chestnut St., Phila., Pa.

Begonia tuberosa, single colors, separate. Per 100, English strain, \$3.50; Belgian, \$2.50. Double colors, separate, English strain, \$5.00; Belgian, \$4.00. Bobbink & Atkins, Rutherford, N. J.

Begonia Rex, assorted, 2½-in., \$4.00; named, \$6.00. Rooted cuttings, Erfordii, Rex, Incarnate gigantea, \$2.00 per 100. Greene & Underhill, Watertown, N. Y.

15 varieties, flowering, named, 2½-in., \$1.50 per 100. Morris Floral Co., Morris, Ill.

BULBS.

To clear out, as we need room. A lot of Spiraea Japonica Compacta, 50 cts per doz.; \$3.00 per 100, Lily of the Valley, best brand, \$1.00 per 100; \$8.00 per 1000. Tree Paeonias, which will bring good money if forced for Easter, white, rose-red, variegated, Lilac, strong plants, with buds, 50c each; \$5 a doz.; \$8 for 25. H. H. Berger & Co., 47 Barclay St., New York.

Double Pearl Tuberose bulbs, good, sound, reliable bloomers. No. 1, 4-in. and up, \$1.00 per 100; \$6.00 per 1000. No. 2, 3 to 4-in., 50c per 100; \$3.00 per 1000. The latter all good blooming bulbs. Chas. Black, Hightstown, N. J.

We have still on hand some of our Lily of the Valley pips, the finest that comes to this country at \$10.00 per 1000; case of 3000 at \$9.00 per 1000. J. M. Thorburn & Co., 38 Cortlandt St., New York.

R. Van Der Schoot & Son, Wholesale Bulb Growers, Hillegom, Holland. Our bulb stocks, now covering an area of over 150 acres, are at present the largest of Holland. Est. 1830.

Armstrong's ever-blooming tuberose ("Without a peer among Tuberose," J. M. Jordan, St. Louis), \$4.00 per 100. Grown and for sale by Luther Armstrong, Kirkwood, Mo.

California grown bulbs. Send for our special trade list. California Nursery Co., Niles, California.

We are headquarters for Tuberose Bulbs. Write for prices. T. W. Wood & Sons, Richmond, Va.

Spotted leaf Calla bulbs, 50c per doz.; \$2.00 per 100. S. J. Galloway, Eaton, Ohio.

Bulbs and Plants for Fall and Spring delivery. C. H. Joosten, Importer, 85 Dey St., N. Y.

CALADIUMS.

Fancy leaved Caladiums, 30 choice varieties, \$2.00 per doz.; \$15.00 per 100. H. A. Dreer, 714 Chestnut St., Philadelphia.

Caladiums, fancy named sorts, large, dry bulbs now ready, \$10.00 per 100. P. J. Berckmans Company, Augusta, Ga.

CALCEOLARIA.

Calceolaria wanted, state size and price. B. F. Vandervate, Galena, Ill.

CANNAS.

10 varieties, all mixed, single eyes, \$1.00 per 100. Morris Floral Co., Morris, Ill.

CARNATIONS.

Rooted cuttings. Ethel Crocker, \$2.50 per 25; \$10.00 per 100; \$18.75 per 250; \$75.00 per 1000. The Marquis and Genevieve Lord, \$10.00 per 100; \$75.00 per 1000. Olympia, \$12.00 per 100; \$100.00 per 1000. Mrs. Thos. Lawson, \$14.00 per 100; \$120.00 per 1000. America, \$5.00 per 100; \$40.00 per 1000. G. H. Crane, \$6.00 per 100; \$50.00 per 1000. Jubilee, \$2.00 per 100; \$15.00 per 1000. White Cloud, \$3.50 per 100; \$30.00 per 1000. Flora Hill, \$1.50 per 100; \$10.00 per 1000. John Young, \$2.00 per 100; \$15.00 per 1000. McGowan, \$10.00 per 1000. Argyle, \$2.00 per 100; \$15.00 per 1000. Mrs. Joost, \$2.50 per 100; \$20.00 per 1000. New York, \$2.00 per 100; \$20.00 per 1000. Daybreak, \$1.50 per 100; \$10.00 per 1000. Victor, \$1.50 per 100; \$12.50 per 1000. Wm. Scott, \$10.00 per 1000. Mrs. Bradt, \$5.00 per 100; \$40.00 per 1000. Armazindy, \$1.50 per 100; \$10.00 per 1000. H. F. Littlefield, Worcester, Mass.

The new light pink carnation, Genevieve Lord is the coming light pink and we recommend it to you as being first class in every way. It has won highest honors where ever shown. Better than Scott in its palmiest days. There will be no attempt to over propagate it. First come, first served. \$75.00 per 1000; \$10.00 per 100; \$2.00 per doz. Stock for delivery prior to Mar. 15th all sold. Are now booking orders for that date and later. Send for complete description. Also Mrs. Thos. W. Lawson, Crocker, Olympia, Marquis, J. Whitcomb Riley, Chicago and Fstelle at introducers' prices. H. Weber & Sons, Oakland, Md.

Carnation cuttings. Mrs. Lawson, \$14.00 per 100; \$120.00 per 1000. G. H. Crane, \$5.00 per 100; America, \$5.00 per 100; \$40.00 per 1000.

Melba, Leslie Paul and Gov. Griggs, \$4.00 per 100; \$30.00 per 1000. Mrs. Bradt, \$4.00 per 100; \$35.00 per 1000. Frances Joost, Evanston, Jubilee, White Cloud, \$2.50 per 100; \$20.00 per 1000. Victor, \$2.00 per 100; \$15.00 per 1000.

Flora Hill, Gold Nugget and Triumph, \$2.00 per 100; \$15.00 per 1000. Daybreak, Argyle and Armazindy, \$1.25 per 100; \$10.00 per 1000. McGowan, Evelina, Pingree, Scott, Nivea and Morello, \$1.00 per 100; \$7.50 per 1000.

All cuttings sold with express understanding that if not satisfactory they are to be returned at once and money will be refunded. Peter Reinberg, 51 Wabash Ave., Chicago.

New carnations. We are now ready to receive orders for strong rooted cuttings. Gen. Maceo, G. H. Crane, Glacier, Morning Glory, \$1.00 per doz.; \$6.00 per 100; \$50.00 per 1000. Gomez, Bradt, 75c per doz.; \$5.00 per 100; \$40.00 per 1000. White Cloud, Gold Nugget, 50c per doz.; \$4.00 per 100; \$30.00 per 1000. Mrs. James Dean, \$3.00 per 100; \$25.00 per 1000. Mrs. Thos. W. Lawson, \$3.00 per doz.; \$14.00 per 100; \$120.00 per 1000. Olympia, \$2.00 per doz.; \$12.00 per 100; \$100.00 per 1000. Marquis, Genevieve Lord, Ethel Crocker, \$2.00 per doz.; \$10.00 per 100; \$75.00 per 1000. 25 at 100 rate, 250 at 1000 rate. We have fine large stocks and will deliver only strong, well rooted cuttings. The Cottage Gardens, Queens, N. Y.

Rooted cuttings. White Cloud, Mary Wood, Triumph, Frances Joost, Cerise Queen, Painted Lady, Gold Nugget, Empress, \$2.50 per 100; \$20.00 per 1000.

Flora Hill, Scott, Daybreak, \$1.50 per 100; \$10.00 per 1000. Psyche, Armazindy, \$1.50 per 100; \$12.00 per 1000.

G. H. Crane, Leslie Paul, \$5.00 per 100; \$45.00 per 1000. America, Mrs. Bradt, \$5.00 per 100; \$40.00 per 1000. Red Bradt, \$10.00 per 100; \$75.00 per 1000. Jubilee, \$2.00 per 100; \$15.00 per 1000.

Mrs. Thos. W. Lawson, Olympia, The Marquis and Ethel Crocker, at introducers' prices. Bassett & Washburn, 76-78 Wabash Ave., Chicago.

Carnation cuttings. G. H. Crane, \$5.00 per 100; Mrs. Bradt, \$4.00 per 100; White Cloud, Mrs. Joost, Triumph and Evanston, \$2.50 per 100; \$20.00 per 1000. Gold Nugget, Mrs. McBurney and Jubilee, \$2.00 per 100; \$15.00 per 1000. Flora Hill, Daybreak, Argyle and Armazindy, \$1.25 per 100; \$10.00 per 1000. McGowan, Evelina, Mayor Pingree, Painted Lady, Wm. Scott, Tidal Wave and Morello, \$1.00 per 100; \$7.50 per 1000. All rooted cuttings sold under the condition that if not satisfactory they are to be returned at once and money will be refunded. George Reinberg, 51 Wabash Ave., Chicago.

Elm City, a grand new white carnation, seedling of Lizzie McGowan and Albertini, in its fifth year. The flowers are large, finely shaped and very fragrant. Petals are heavy, of good substance, nicely fringed. Calyx, strong, after the style of Albertini, none bursting. Stem strong, holding the flower erect. The plant is a good grower and free bloomer. Rooted cuttings ready Feb. 1 at \$1.50 per doz.; \$10.00 per 100; \$70.00 per 1000. We prepay the express when money accompanies the order. M. E. Kraus, 320 Davenport Ave., New Haven, Conn.

Large stock of strong rooted cuttings now ready. G. H. Crane, Morning Glory, Maceo, Glacier, Gomez, America, Red Mrs. Bradt (or Chicago), Mary Wood and other good standard sorts. Mrs. Geo. M. Bradt for March delivery, all the early stock sold. Five 1900 novelties, Mrs. Thos. W. Lawson, Ethel Crocker, Olympia and Genevieve Lord at introductory prices. Send for descriptive price list. F. Dorner & Sons Co., Lafayette, Ind.

Orders booked now in order of receipt for rooted cuttings of the famous Mrs. Thomas W. Lawson, the \$30,000 Queen of Carnations, for spring delivery, commencing Feb. 1, 1900. Prices to the trade only: Per dozen, \$3.00; per 100, \$14.00; per 1000, \$120.00; per 5000, \$500.00; per 10,000, \$800.00. Terms strictly cash or C. O. D. from unknown parties. Address all orders and make all remittances payable to Thos. F. Galvin, 124 Tremont St., Boston, Mass.

PLEASE MENTION THE REVIEW WHEN WRITING ANY OF THESE ADVERTISERS.

CLASSIFIED PLANT ADVERTISEMENTS—CONTINUED.

New Carnation Kittatinny. A new money making carnation; a white sport from Daybreak. Any one can grow it that can grow Daybreak, as it is identically the same in every respect except color, which is pure white; and with me it is a stronger grower and larger flower, and as a first-class all-round white can't be outclassed. Stock limited, and orders will be filled in strict rotation. Price per 100 rooted cuttings, \$6.00.

Geo. M. Emmans, Newton, N. J.

Well rooted cuttings. Peach Blow, Wm. Scott, L. McGowan, Bridesmaid, \$1.00 per 100; \$7.50 per 1000. Bridesmaid in pots, \$1.25 per 100. Rose Queen, Armazindy and Albertini, \$1.25 per 100; \$10.00 per 1000. Flora Hill, 2-in. pots, \$2.00 per 100. Emily Pierson and Kohinoor, \$1.50 per 100. Triumph, \$2.00 per 100. Any of above 50 cents extra, 2-in. pots. Cash with order. Logan Ave. Greenhouses, Danville, Ill.

Carnation cuttings. 20,000 Wm. Scott, must be sold to make room, at \$6.00 per 1000 or 4000 for \$20.00. Mrs. Joost, \$2.50 per 100; \$20.00 per 1000. Melba, \$3.00 per 100; \$25.00 per 1000. Flora Hill, Victor, Daybreak, \$1.25 per 100; \$10.00 per 1000. Mayor Pingree, \$1.00 per 100; \$7.00 per 1000. Cash with order. Carl E. Taube, Mercer Floral Co., Trenton, N. J.

100,000 rooted cuttings, ready to ship. Early orders get the best stock. Mrs. Thos. W. Lawson, \$14.00 per 100; Olympia, \$12.00 per 100; Crocker, Marquis, Lord, \$10.00 per 100; Crane, \$5.00 per 100; America, \$4.00 per 100. 12 cuttings at 100 rate. All the other new and standard sorts, for prices see large adv.

Morris Floral Co., Morris, Ill.

Now ready, rooted cuttings. Maceo, Glacier, \$6.00 per 100; Evanston, \$2.50 per 100; Jubilee, Armazindy, Victor, A. Webb, \$2.00 per 100; F. Hill, Daybreak, Dana, Meteor, Morelio, Cartledge, \$1.50 per 100; McGowan, Bridesmaid, Eldorado, Pingree, Portia, Jahn's Scarlett, Scott, \$1.00 per 100.

D. R. Herron, Olean, N. Y.

Rooted cuttings, extra strong. Ready now. Daybreak, Jno. Young, Flora Hill, Eldorado, Freedom, Victor, \$1.50 per 100; \$12.00 per 1000. White Cloud, Frances Joost, \$2.50 per 100; \$20.00 per 1000. Dexter Purit, a good commercial scarlet, \$2.50 per 100.

S. J. Reuter, Westerley, R. I.

Ethel Crocker. Absolutely the best carnation ever offered the trade. \$10.00 per 100; \$75.00 per 1000. 250 for \$18.75; 25 for \$2.50. Honest sample blooms furnished prepaid at \$1.00 per doz.; amount deducted from all orders for 100 or over.

A. M. Herr, Lancaster, Pa.

Rooted cuttings of carnations. Both new and old varieties at lowest prices for good stock. Special rates on orders booked for future delivery. Satisfaction or money refunded.

Geo. A. Rackham, 880 Van Dyke Ave., Detroit, Mich.

A fine lot of rooted cuttings of the following: Mayor Pingree, Bon Ton, Wellesley, Armazindy, Jubilee and Genesee, \$2.00 per 100. Buttercup (fine), \$3.00 per 100.

Jos. Renard, Unionville, Chester Co., Pa.

Orders booked now for rooted cuttings of Daybreak, McGowan, Silver Spray, Tidal Wave, Meteor and Scott, \$6.00 per 100 and up. Express paid. Write for prices.

S. W. Pike, St. Charles, Ill.

Carnation cuttings now ready. Jubilee, White Cloud, Daybreak, Flora Hill and other standard varieties. We control the original stock of Mme. Chapman, the pink sport of Daybreak. Crabb & Hunter, Grand Rapids, Mich.

Chicago Carnation Co. The great and only carnation specialists. Cuttings now ready. For list see display adv. in this issue. Chicago Carnation Co. Greenhouses and address, Joliet, Ill.

Freedom, Mangold, R. C., \$1.50 per 100; same and Daybreak, transpl., \$2.00 per 100. Cash. Write for list of others. W. G. Kraber, 25 Tremont St., New Bedford, Mass.

50,000 standard carnations, rooted cuttings, \$7.50 per 1000. Descriptive list of 25 choice, up-to-date varieties. Cash.

South Side Floral Co., Springfield, Ill.

Rooted cuttings. Flora Hill, \$1.50 per 100; \$14.00 per 1000. Lizzie McGowan, Wm. Scott, \$1.00 per 100; \$9.00 per 1000.

C. Humfeld, Clay Center, Kans.

Scott, Pierson, McGowan, Helen Keller, Ivory, \$1.50 per 100; \$10.00 per 1000. Pingree, Flora Hill, Mrs. C. Duehne, \$2.00 per 100.

W. L. Smith, Aurora, Ill.

Rooted cuttings of all the new and leading varieties. Send for prices.

Geo. Hancock & Son, Grand Haven, Mich.

New crop winter blooming carnation seeds. Hand fertilized. 25c per 100. Cash.

American Rose Co., Washington, D. C.

Rooted cuttings of Lizzie McGowan at \$5.00 per 1000 cash.

B. F. Muschert, Penn Valley, Pa.

Best new and standard varieties. Write for catalogue and prices.

W. P. Peacock, Atco, N. J.

For all the best novelties of the season write N. Smith & Son, Adrian, Mich.

CHRYSANTHEMUMS.

The new pink chrysanthemum, Miss Florence E. Denzer is the latest mum. Blooms for Christmas. See cut in Florists' Review of Dec. 21, '99. Rooted cuttings, \$8.00 per 100; 2 1/4-in. pots, \$10.00 per 100. 30 other leading varieties, rooted cuttings, \$9.00 per 1000; 2 1/4-in. pots, \$15.00 per 1000. Ready Mar. 20, 1900. Cash.

Anton C. Zvolanek, Summit Ave., West Hoboken, N. J.

"Little Chris," bloomed with us continuously from March until January. Plant dwarf, flowers small, white. Sold well at Easter and Decoration Day. Cut back plants from young growth from bottom, 4 and 6-in. pots, 25 and 35c each. Plants from 2-in. pots later.

W. T. Bell & Sons, Franklin, Pa.

Mums only. 20th year. Fine stock of all the best money makers, Pacific, Bonnaffon, Robinson, etc., \$2.50 per 100; \$20.00 per 1000. Send for list. Cash.

Cottage Greenhouses, Litchfield, Ill.

Yellow Fitzwygram, the earliest yellow chrysanthemum. Young plants, \$7.00 per 100; \$60.00 per 1000. (200 at thousand rate.)

H. F. Littlefield, Worcester, Mass.

Well rooted cuttings of Ivory, Niveus, Mrs. G. Pitcher, Bonnaffon, Maud Dean and Nemesis, \$1.00 per 100; 2-in., \$1.50 per 100, cash.

R. Kilbourn, Clinton, N. Y.

R. C., Yel. Queen, Mrs. Robinson, G. Kalb, M. Monarch, Bonnaffon, Lager, \$9.00 per 100. Cash.

Dann & Son, Westfield, N. Y.

Good, stocky plants, all the leading varieties, \$2.00 per 100 clumps.

Converse Greenhouses, Webster, Mass.

We are headquarters for all the best novelties of the season in chrysanthemums.

N. Smith & Son, Adrian, Mich.

Pot plants, \$3.00 per 100. For list of varieties see display adv., this issue.

W. L. Smith, Aurora, Ill.

CINERARIAS.

Benary's, Cannell's and Sutton's prize strains, 2 1/4-in., \$2.00 per 100; 3-in., \$3.00 per 100. Shellroad Greenhouse Co., Grange, Md.

500 extra strong, 2 1/4-in., \$2.00 per 100.

South Side Floral Co., Springfield, Ill.

3-in., \$5.00; 4-in., \$10.00 per 100.

W. L. Smith, Aurora, Ill.

CLEMATIS.

Small snug plants, to pot for Spring sales, from best varieties, per doz., \$1.00; per 100, \$8.00. Free by mail or express.

F. A. Baller, Bloomington, Ill.

COLEUS.

Rooted cuttings, Verschaffeltii, Golden Bedder and Empress of India. All well rooted and equal to the best on the market. Price, \$1.00 per 100; \$7.50 per 1000. 500 at 1000 rate. Orders calling for 1000 or more will be sent F. O. B. New York City. Seawanhaka Greenhouses, Jas. C. Clark, Supt., Box 34, Oyster Bay, N. Y.

Coleus, Crimson Verschaffeltii and Golden Queen, \$7.00 per 1000, 75 cts per 100; 2-in. pots, \$1.50 per 100. Coleus in variety, \$5.00 per 1000, 60 cts per 100; 2-in. pots, \$1.25 per 100. Rooted cuttings except where noted. Cash with order.

J. E. Felthousen, Schenectady, N. Y.

Golden Bedder, Red Verschaffeltii and Yellow Verschaffeltii, 75c per 100; \$6.00 per 1000. Besides the above sorts we grow 30 other best commercial varieties, which we can supply at 75c per 100; \$5.00 per 1000.

A. B. Davis & Son, Purcellville, Va.

29 new ones, all named, \$1.00 per doz.; \$4.00 per 100. 30 standard varieties, all named, 2 1/4-in., \$1.50 per 100.

Morris Floral Co., Morris, Ill.

Fancy coleus, rooted cuttings, separate colors, 80c per 100; mixed, 60c per 100.

Greene & Underhill, Watertown, N. Y.

Verschaffeltii, Golden Bedder, Queen Victoria, 60c per 100; \$5.00 per 1000.

C. Otto Schwabe, Jenkintown, Pa.

Rooted cuttings, \$1.00 per 100; \$7.50 per 1000. Pot plants, \$3.00 per 100; \$25.00 per 1000.

W. L. Smith, Aurora, Ill.

30 varieties, 70c per 100; \$6.00 per 100. Express paid.

S. D. Brant, Clay Center, Kan.

CUT BLOOMS.

Carnations and violets, fresh cut flowers, direct from grower. Orders filled on short notice. Princess of Wales violet plants from 2 1/4-in. pots, \$2.00 per 100. Long distance 'phone.

Evenden Bros., Williamsport, Pa.

High grade carnation blooms. Standing orders solicited. Chicago Carnation Co. Greenhouses and address, Joliet, Ill.

Choice Marie Louise violets, \$1.00 per 100. Write for terms on regular supplies.

R. Kilbourn, Clinton, N. Y.

Write Geo. A. Kuhl, Pekin, Ill., for prices on cut roses, carnations and bulb stock.

CYCLAMEN.

Nice little plants, 2 to 4 leaves, ready for 2 1/4-in. pots, \$2.50 per 100; a few extra 4 and 5-in., in bloom, left at \$10.00 and \$20.00 per 100. Would like to exchange some for bedding stock. Highland Park Greenhouses, Highland Park, Ill.

Cyclamen, choice, in bud and bloom, 6-in., 35c; 5-in., 25c; 4-in., \$1.00 per doz.; \$8.00 per 100. September sown seedlings, \$2.00 per 100, cash please.

H. L. Phelps, Springfield, Ill.

Cyclamen, 3-in., \$5.00 per 100. In bud and bloom, 4-in., \$1.25 per doz.

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Dahlias by the tens of thousands. Get my catalogue before ordering elsewhere.

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New giant California white Marguerite and the new golden Marguerite, two of the greatest selling plants of the year, strong 2 1/4-in., \$2.50 per 100; rooted cuttings, \$1.00 per 100.

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California, white; Yellow Castle, yellow. The best all-round daisies; both stand the heat and dry weather. Well rooted cuttings, \$1.00 per 100; \$9.00 per 1000; 2-in. strong, \$2.00 per 100. Cash.

C. Humfeld, Clay Center, Kans.

Paris rooted cuttings, \$1.00; 2 1/4-in., \$2.00 per 100. Mayer & Sons, Willow Street, Lancaster, Pa.

Large giant flowered, white, the best seller, 2 1/4-in., \$2.50 per 100.

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Bellis, strong plants, Snowball and Longfellow, 40c per 100; 300 for \$1.00; \$2.50 per 1000.

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Dracaena indivisa, in flats, \$5.00 per 100.

Greene & Underhill, Watertown, N. Y.

Dracaena indivisa, strong, 2-in., \$3.00 per 100.

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If you read these advs. others would read yours.

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CLASSIFIED PLANT ADVERTISEMENTS—CONTINUED.

FERNS.

To close out for want of room, the following plants, ready for a shift:

	Per 100.	Per 1000.
5000 Pteris Tremula, 2-in. pots.....	\$2.50	\$20.00
2000 Pteris Ensifolia, 2-in.....	2.50	20.00
2000 Pteris Serrulata Max, 2-in.....	2.50	20.00
3000 Pteris Longifolia, 2-in.....	2.50	20.00
2000 Pteris Serrulata, 2-in.....	2.50	20.00
2000 Pteris " Compacta Nana, 2-in. 4.00		25.00
1000 Pteris Onardla, 2-in.....	2.50	20.00
1500 Nephrolepis Bostoniensis, 2½-in. 5.00		40.00
2000 " Cordata Compacta, 2½-in. 4.00		35.00
2000 " Exaltata, 2½-in.....	4.00	35.00

Would exchange for 500 Adiantum Cuneatum. Cash with order.

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Fern Spores. We are headquarters. Extra large pkt. sufficient for 3000 plants, \$1.00, postpaid. Collection of 12 best varieties, each in separate package, \$5.00, postpaid. Cultural directions with each order. Send for prices on Boston Ferns, Farleyense, etc.

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Winter flowering, 2½-in., \$4.00 per 100; rooted cuttings, \$2.00 per 100.

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Winter-flowering, 2½-in., \$1.50 per 100.

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The best sorts, \$1.50 per 100. Cash. South Side Floral Co., Springfield, Ill.

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J. E. Felthousen, Schenectady, N. Y.

Mrs. Parker, \$6.00; Happy Thought, Silver Leaf, 2½-in., Mrs. Pollock, 2½-in., \$4.00 per 100. Rooted cuttings, dbl. New Life, Mrs. Parker, dbl. pink silver leaf, \$4.00; Happy Thought, Freak of Nature, Mara, \$3.00; Mme. Bruant, \$2.50; Silver Leaf, rose scented, Bronze, \$1.50; Mme. Sallerol, \$1.25; assorted common, \$1.50; mixed, \$1.25; best varieties, \$2.00 per 100. Greene & Underhill, Watertown, N. Y.

S. A. Nutt, White Swan, Heteranthe, Mrs. E. G. Hill; scented geraniums, lemon, nutmeg, balm, rose, 2½-in. pots, \$3.00 per 100. The National Plant Co., Dayton, O.

Strong rooted cuttings, S. A. Nutt, Gen. Grant, La Favorite and 50 other leading varieties, \$1.50 per 100; 2½-in. pots, \$2.50 per 100. Converse Greenhouses, Webster, Mass.

5000 geraniums, only the best varieties, 2½ and 3-in., \$3.00 per 100. Will trade for Rex Begonia, pelargoniums, calceolaria or roses.

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Geraniums DeRoo Mitting and double Snow Drop, 2½-in., \$7.00; Mme. Sallerol, 2½-in., \$2.00 per 100. Morris Floral Co., Morris, Ill.

Mixed, 3-in. pots, \$3.00 per 100. Cash with order. Carl E. Taube, Mercer Floral Co., Trenton, N. J.

S. A. Nutt, Grant, La Favorite, Hill and pink, 3-in., \$3.00 per 100. S. Whitton, 15-17 Gray Ave., Utica, N. Y.

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Gladiolus bulbs, write for prices.

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Named varieties, as follows, \$4.00 per 100. Mont Blanc, pure white; Defiance, scarlet; Progress, red, white bordered; Patrie, violet, white bordered; also a limited quantity of Kaiser Frederick and Kaiser Wilhelm, the best varieties out.

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Gloxinia Crassifolia grandiflora, 50c per doz.; \$4.00 per 100; \$30.00 per 1000.

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Grevillea Robusta, fine plants, 3-in., \$5.00 per 100. Converse Greenhouses, Webster, Mass.

Robusta, fine heavy 3-in. plants, \$5.00 per 100. Beach & Chessman, Richmond, Ind.

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Have purchased the Elgin Nurseries, containing more than seven millions of Evergreens, part on rented land that must be cleared this spring: Colorado Blue Spruce, 2 to 3 ft., \$25.00 per 100; Douglas Spruce, 1½ to 2 ft., \$10.00 per 100; Douglas Spruce Seedlings, 6 to 8-in., \$8.50 per 1000; Hemlock Spruce, extra quality, 1½ to 2 ft., \$10.00 per 100; Balsam Fir, 1 to 1½ ft., \$35.00 per 1000; White Pine, 1½ to 2 ft., \$50.00 per 1000; 4,000,000 Seedling White Pine, 6 to 8-in., \$5.00 per 1000; Ponderosa Pine Seedlings, 10-12-in., \$10.00 per 1000; Six Acres Dwarf Mountain Pine, 3 to 4 ft., good quality, \$10.00 per 100; 5c each in car lots. Several million of Arbor Vitae—In fact everything in the line of Hardy Evergreens, and any size desired. Write at once for trade list and special prices.

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Biota Aurea Nana, a perfect gem, fine, shapely plants, hardy north, 10 to 13 inches high, \$10.00 per 100; \$80.00 per 1000; 12 to 15 inches, \$12.00 per 100; \$100.00 per 1000; 15 to 18 inches, \$20.00 per 100.

P. J. Berckmans Company, Augusta, Ga.

Clematis Paniculata, transplanted seedlings; nice, thrifty plants, \$2.00 per 100. We have 60,000 hardy pink rooted cuttings in cold house, well-rooted, and in excellent condition. 8 sorts. \$1.00 per 100; \$8.00 per 1000.

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American Elms, 8 to 10 ft., 1 to 1½-inch caliper. 25 elms, 6 to 8-inch caliper, fine specimens with well developed heads. Send for price list. Samuel C. Moon, Morrisville, Bucks Co., Pa.

An immense stock of both large and small sized deciduous and evergreen trees and shrubs. Correspondence solicited.

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Hardy herbaceous plants only. In any quantity for the least money.

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Cuttings, light sorts, labeled, \$1.00 per 100; \$8.00 per 1000.

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Czar, Czarina and five other fine sorts, \$3.00 per 100. W. L. Smith, Aurora, Ill.

Rooted cuttings, \$1.25 per 100. Greene & Underhill, Watertown, N. Y.

15 varieties, \$1.00 per 100. S. D. Brant, Clay Center, Kan.

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Rosea, climbing or vining, fine for vases, \$3.00 per 100.

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Manettia bicolor, 2½-in., \$4.00; rooted cuttings, \$2.00 per 100.

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Gracilis, finest vase plant out, always in demand, 3-in., strong, \$4.00 per 100; 2-in., \$3.00 per 100. Beach & Chessman, Richmond, Ind.

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Very fine dbl. pink and dbl. white, \$6.00 per 100. W. L. Smith, Aurora, Ill.

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Strong, well established, healthy plants, at \$9.00 per doz. Fern roots of best quality, \$1.00 per barrel. W. Mathews, Utica, N. Y.

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	Pot	H't.	Char.	Per	Per
	in.	in.	lvs.	100.	1000.
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"	4	15-18	2-3	20.00	150
"	5	18-20	4-5	25.00	
Phoenix Canariensis,	4	15-18	4-5	15.00	
Scaevola Elegans,	4	18-20	2	20.00	

P. J. Berckmans Company, Augusta, Ga.

Palm seed: Cocos Weddelliana, doz., 20 cts; 100, \$1.00; 1000, \$7.50; Latania borbonica, doz., 10 cts; 100, 40 cts; 1000, \$2.50. Pandanus utilis, doz., 25 cts; 100, \$1.25; 1000, \$10.00. H. H. Berger & Co., 47 Barclay St., New York.

Latania Borbonica, 3-in., \$8.00; 4-in., \$18.00 per 100. 5-in., \$4.50 per doz.; 6-in., \$3.50 per doz. W. L. Smith, Aurora, Ill.

Aspidistra, extra fine plants. Variegated, 10c per leaf, green, 6c per leaf. Bobbink & Atkins, Rutherford, N. J.

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Excellent market varieties, free bloomers; Mme. Thibaut, Mme. Vibert, Duchesse of Edinburgh, La Vesuve Victor, Marie Mallet, Lord Salisbury, Daybreak and Sunset, \$4.50 per 100. Cash with order. Adolph Stahl, Johnstown, Pa.

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Strong plants of double petunia in 3-in. pots, \$3.00 per 100. Cash with order. Carl E. Taube, Mercer Floral Co., Trenton, N. J.

Rooted cuttings of double and single petunias, mixed, \$1.00 per 100. S. Whitton, 15-17 Gray Ave., Utica, N. Y.

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Dreer's collection, 2½-in. pots, \$2.50 per 100. Converse Greenhouses, Webster, Mass.

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New yellow Baby Primrose, 2½-in., \$7.00 per 100. Chinese, 2½-in., strong, \$1.50; Obconica, strong, 2½-in., \$2.00; 3½-in., \$2.50 per 100. From flats, strong, 50c. Chinese, in bud, and bloom, 3½-in., \$2.50 per 100. Morris Floral Co., Morris, Ill.

For Easter blooming, 2-in., \$2.00 per 100. In bud, 2½-in., \$3.00. Primula obconica, 2-in., \$2.00; in flats, \$1.50. Greene & Underhill, Watertown, N. Y.

Baby Primrose. A good thing for Easter, nice, 2½-in., in bloom, \$3.00 per 100; \$25.00 per 1000. John A. Doyle Co., Springfield, Ohio.

150 Obconica grandiflora and 100 Forbest at \$2.00 per 100. Cash please. Jos. H. Cunningham, Delaware, Ohio.

ROSES.

Grafted roses, A No. 1 stock. Orders booked now. Bride, Bridesmaid, Golden Gate, Kaiserin, 2½-in. pots, \$12.00 per 100; \$90.00 per 1000. Own roots, wood from grafted stock only, Bride, Bridesmaid, Kaiserin, Meteor, Bon Silene, 2½-in. pots, \$3.50 per 100; \$30.00 per 1000; Golden Gate, American Beauty, 2½-in., \$4.00 per 100. S. J. Reuter, Westerly, R. I.

Rose cuttings. American Beauty, \$3.00 per 100; \$25.00 per 1,000. La France, \$2.00 per 100; \$17.50 per 1,000. Bride, Bridesmaid, Meteor and Perle, \$1.50 per 100; \$12.50 per 1,000.

All rooted cuttings sold under the condition that if not satisfactory they are to be returned a once and money will be refunded. George Reinberg, 51 Wabash Ave., Chicago.

Rooted rose cuttings. Get new blood in your roses. Our cuttings this year are made from grafted plants and only the best wood used. Our prices same as others. Brides, Maids, Meteors, \$1.50 per 100. The new crimson forcing rose Liberty at introducers' prices. Bassett & Washburn, 76-78 Wabash Ave., Chicago.

Place your order now for Perle rose cuttings and plants. Remember they are from the "Perle King" of St. Louis and from prize winning stock. Rooted cuttings, \$1.75 per 100; \$15.00 per 1000. 2-in. pots, \$3.00 per 100; \$25.00 per 1000. Cash or satisfactory references. J. F. Ammann, Edwardsville, Ill.

Golden Gate wins the lead. We are the largest grower of this rose in the world. Two-eyed rooted cuttings at \$2.50 per 100 by mail. Large contracts solicited. American Rose Co., Washington, D. C.

Grafted roses, on Manetti stock, ready March 1st, \$10.00 per 100; \$90.00 per 1000. Bride and Bridesmaid kept in stock. Other sorts grafted to order if spoken for early. H. F. Littlefield, Worcester, Mass.

Perles, Woottons, Kaiserina, Maids and Beauties, 2-in., now ready. Also first shifting in 2½-in. ready for 3-in. Write for price. Geo. A. Kuhl, Pekin, Ill.

Crimson Rambler, strong plants, 3 to 4 ft., \$15.00 per 100; extra strong, 4 to 5 ft., \$18.00 per 100. The Conard & Jones Co., West Grove, Pa.

Rooted cuttings. Meteor, Bridesmaid, Bride and Perle, \$1.50 per 100. Golden Gate, \$2.50 per 100. Peter Reinberg, 51 Wabash Ave., Chicago.

Several thousand strong, field-grown, 2-year-old Zelia Pradel rose plants, for sale at \$15.00 per 100. John Wolf, Savannah, Ga.

50,000 standard roses, rooted cuttings, \$12.50 per 100. Cash. South Side Floral Co., Springfield, Ill.

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Hardy roses in great variety. Ellwanger & Barry, Rochester, N. Y.

Manetti stocks for fall delivery. Hiram T. Jones, Elizabeth, N. J.

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Salvia splendens, 2½-in., \$2.50 per 100; rooted cuttings, \$1.00 per 100. South Side Floral Co., Springfield, Ill.

Nellie Bordon, best scarlet out, blooms all the time, 2½-in., \$3.00 per 100. Beach & Chessman, Richmond, Ind.

Salvia splendens compacta, \$1.00 per 100; \$8.00 per 1000. A. B. Davis & Son, Purcellville, Va.

Salvia, rooted cuttings, \$1.25 per 100. Greene & Underhill, Watertown, N. Y.

Clara Bedman, \$2.00 per 100. Morris Floral Co., Morris, Ill.

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Flower Seed that will Grow. Aster, Semple's, White, Pink, Lavender, Mixed, Paeony flowered, Victoria, Giant Comet, Queen of Market, 75 cts per oz.; large trade packet, 25 cts. Mignonette. Allen's Defiance, Golden Queen, Pure Machet, per oz., 50 cts; large trade packet, 15 cts. Cobaea Scandens, purple, per oz., 30 cts; trade pkt., 10 cts. Verbena, Mammoth Flowering, choicest mixed, per oz., \$1.00; ¼ oz., 40 cts; large trade pkt., 25c. Sweet peas. Extra Early Blanche Ferry, B. Burpee, Mrs. J. Chamberlain, K. Tracy, Ovid, Novelty, Meteor, Gray Friar, E. Henderson, E. Eckford, C. of Aberdeen, Captivation, Capt. of Blues, Blanche Ferry, A. Eckford, per pound, 40 cts; per oz., 10 cts. Mixture containing all the above sorts, per pound, 25 cts; per oz., 5 cts. Satisfaction guaranteed. Cash with order. Geo. L. Miller, Newark, Ohio.

Aster Semple's white, pink, dark blue, oz., \$1.00; Queen of the Market, fine mixed, oz., 60c. Centaurea Marguerite, oz., 60c. Phlox Drummondii nana compacta, mixed, oz., \$1.00. Fireball, Snowball, oz., \$1.25. Mignonette, improved Machet, oz., \$1.00; Defiance, French seed, \$1.25. Pansy, Giant Mixed, oz., \$2.00; Trimardeau, fine mixed, oz., \$1.25. Petunia, double mixed, trade pkt., 50c. Verbena, mammoth, fine mixed, oz., \$1.00. Stock, large, 10 weeks, white, pink, dark blue, ¼ oz., \$1.25. All the above in large trade pkts., 20c. Sample free. Beaulieu, Woodhaven, N. Y.

XXXSeeds. Verbena Grandiflora. The finest strain of Improved Giant Verbenas yet produced, largest flowers and best colors, per pkt., 800 seeds, mixed colors, 50 cts. Cyclamen Giganteum. The choicest Giant-flowering varieties in best mixture, pkt., 200 seeds, \$1.00; half pkt., 50 cts. Chinese Primrose. Best large, single and double, 500 seeds, \$1.00. Phlox Drum. Pumila. New, very dwarf, perfect beauties, excellent for growing in pots for Spring sales, mixed colors, per trade pkt., 20 cts. A pkt. of New Double Early-flowering Dwarf Vienna Carnation added to every order. John F. Rupp, Shiremanstown, Pa.

Sweet Peas, Blanche Ferry, Blanche Burpee, Emily Henderson, A. Eckford, Katherine Tracy, Lottie Eckford and other leading var. mailed free at following prices, ¼ lb., 25c; ½ lb., 25c; 1 lb. 40c. Choice mixture, ½ lb., 20c; 1 lb., 35c. Mignonette, Machet, oz., 50c; Allen's Defiance, oz., \$1.00. Trimardeau Pansy, oz., \$2.00; G. and T. Co., extra pansy, oz., \$4.00. Griffith & Turner Co., Baltimore, Md.

Cabbage seed, extra select crop of 1899. My own growing, all seasons, sure header. Ounce, 20c; lb., \$1.75. J. A. Roberts, Malvern, Pa.

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CLASSIFIED ADVERTISEMENTS—CONTINUED.

SEEDS—Continued.

Our Specialties: Sweet peas, cosmos, hollyhock, verbena, aster, mignonette, etc.; onion, lettuce, celery, carrot, salsify, parsnip, lima beans, salt bush, bromus grass, Bermuda grass, Johnson grass, etc. All California grown. Perry Watson & Co., Sacramento, Cal.

Seasonable seeds. Primula, Pansy, Verbena, Daisy, Sweet Peas, Nasturtium, and all spring seeds for florists. Write for our new list. McKellar & Winterson, 45, 47, 49 Wabash Ave., Chicago.

Finest flower seeds and bulbs for florists. Vegetable and grass seeds. Poultry supplies and incubators. Send for catalogue. Jas. F. Dickmann Seed Co., 1110 No. 3rd St., St. Louis, Mo.

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Wholesale price list for florists and market gardeners. W. Atlee Burpee & Co., Philadelphia, Pa.

Special seeds for the florist and gardener. Send for wholesale catalogue. Johnson & Stokes, Philadelphia, Pa.

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SMILAX.

String your Smilax with Meyer Green Silkaline. Send for samples and prices. John C. Meyer & Co., Mfrs. and Wholesalers, 87 Summer St., Boston, Mass.

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SWAINSONA.

Swainsona alba galegifolia, 2-in. pots, \$2.00 per 100. Cash with order. Logan Avenue Greenhouses, Danville, Ill.

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Cabbage, lettuce, tomatoe, pepper, egg, celery and other vegetable plants in season. For price see display adv. in this issue. R. Vincent, Jr. & Son, White Marsh, Md.

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60 finest named varieties, including our new mammoth white, Mrs. McKinley, the finest white verbena grown. Healthy, free from rust. Rooted cuttings, 60c per 100; \$5.00 per 1,000. Plants, \$2.50 per 100; \$20.00 per 1,000. Our list is the choice from millions of seedlings. J. L. Dillon, Bloomsburg, Pa.

50,000 verbenas. 20th century collection comprising 23 grand mammoth varieties, the cream of the latest and choicest, 60c per 100; \$5.00 per 1000. Strong 2-in., \$2.00 per 100; \$18.00 per 1000. Full of cuttings. Elegant stuff. Cash. South Side Floral Co., Springfield, Ill.

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Mammoth verbenas, large rooted plants, 60c per 100; \$5.00 per 1000. S. Whitton, 15-17 Gray Ave., Utica, N. Y.

We have all the best, plenty of red and pink, 60c per 100; \$5.00 per 1000. S. D. Brant, Clay Center, Kan.

60c per 100; \$5.00 per 1000; 5000 for \$22.00; 10,000 for \$40.00. C. Humfeld, Clay Center, Kans.

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Major and Var., rooted cuttings, \$1.00 per 100. Cash with order. Logan Ave. Greenhouses, Danville, Ill.

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Major and minor, strong field-grown plants, \$1.00 per 100; \$7.50 per 1000. James M. Lamb, Fayetteville, N. C.

Vincas, rooted cuttings, \$1.50 per 100; \$12.50 per 1000. Greene & Underhill, Watertown, N. Y.

Variegated vincas, 2 1/4-in., \$2.00 per 100. Morris Floral Co., Morris, Ill.

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Velvet plant, \$2.00 per 100. Mesembryanthemum erectum, California moss, fine for border or basket, Lycopodium dent., to fill in design work. Dusty Miller, Feverfew, Little Gem and Golden Leaved, all the above in 2 1/4-in. pots, \$1.50 per 100. Morris Floral Co., Morris, Ill.

Ageratum, three kinds, including Princess Pauline, 70c per 100. Alyssum, dbl., \$1.00 per 100. Lantanas, four kinds, \$1.25 per 100. Salvias, three kinds, \$1.00 per 100. Express prepaid and satisfaction guaranteed. Cash with order, don't send checks. S. D. Brant, Clay Center, Kan.

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Honeysuckles, Hibiscus Cooperi, Moon Vine, white and blue, Strobilanthes Dyerianus, 2 1/4-in. pots, \$3.00 per 100. The National Plant Co., Dayton, O.

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Artificial and wax flowers and leaves. M. Rice & Co., Philadelphia, Pa.

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Headquarters for southern wild smilax, 35-lb. cases, \$1.50; 50-lb. cases, \$2.00. My stock is first class, carefully selected, full cases. Orders by telegram filled same day received. Terms cash with order or satisfactory references.

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Florists' Hardy Supplies. A full supply of fancy and Dagger cut ferns, Green and Sphagnum Moss, Laurel Festooning, Bouquet Green, etc. All orders by mail or telegraph promptly attended to. H. M. Robinson & Co., 32, 34 and 36 Court Sq., Boston, Mass.

Galax leaves, green and bronze, 50c; leucothoe sprays, green and bronze, \$1.75; ferns, fancy, hardy cut, \$1.00; dagger ferns, hardy cut, 75c per 1000. W. H. William's Bro., Victoria, N. C.

Galax Leaves! Direct from North Carolina. Specially equipped for handling large orders. J. L. Banner, Montezuma, N. C. D. Robinson, Agent, Produce Exchange Bldg., N. Y.

Perpetuated palms. Low prices to florists. The right people, where the palms grown on the right spot.

Clare & Scharrath, Orlando, Fla.

Prepared Tropical Palms and Cycas leaves. Send for catalogue.

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Doves, all positions, from 75c up. M. Rice & Co., Philadelphia, Pa.

"The Classified Advs. are a great convenience" is the verdict of the buyers.

EVERYTHING FOR FLORISTS.

Write for quotations on your wants to McKellar & Winterson, 45, 47, 49 Wabash Ave., Chicago.

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Round, oval, oblong, new styles, send for price. M. Rice & Co., Philadelphia, Pa.

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The Forcing of Greenhouse Plants. The profits of a Greenhouse depend largely upon forcing rapid growth and early maturity of everything in it. This is best done by the judicious use of Nitrate of Soda in combination with other agricultural chemicals. Study its properties; understand its uses. Full information and pamphlets free by addressing John A. Myers, 12-F John St., New York. Nitrate for sale by fertilizer dealers everywhere. Write at once for list of dealers.

No crop can grow without Potash. Every blade of grass, every grain of Corn, all Fruits and Vegetables must have it. If enough is supplied you can count on a full crop—if too little, the growth will be "scrubby." Send for our books telling all about composition of fertilizers best adapted for all crops. They cost you nothing. German Kall Works, 93 Nassau St., New York.

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Pure sheep manure, the best that can be bought on the market. Also a large quantity of hardwood ashes, by the bbl., ton or car load. J. L. Elliott, Bethlehem, Pa.

Bone meal, made for my own use and for other florists who want a good article. Try a bag. Albert M. Herr, Lancaster, Pa.

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The Cefrey Letter Co., 446 Tremont St., Boston, Mass., Chas. L. Razoux, Mgr., Manufacturers of Florists' Letters. The best and most artistic letter on the market. Pat. Jan. 3rd, 1893. Price: 1½ or 2-inch letters, \$1.50 per 100; script letters, \$3.50 per 100. Agents: The Flower Market, Boston; Emil Steffens, New York; McKellar & Winterson, Chicago; H. Bayersdorfer & Co., Philadelphia.

Ribbon, immortelle, Boston, starting at \$7.50 per 1000. M. Rice & Co., Philadelphia, Pa.

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Violet, satin or plain tin foil.
Wire in stone or cut, best bright annealed.
Photograph albums.
Handkerchiefs, lace and paper. Violet and white.
Fancy cord, all colors. Cords and tassels, violet, pink and white.
Immortelles, all colors, first quality.
Cape flowers, white and colored, first quality.
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Galax leaves. For latest prices bronze and green Galax leaves and Leucothoe sprays address the introducer.

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Mastica for glazing greenhouses. Proven superior to putty. Easier to apply and stays on. Not affected by extremes of weather. Endorsed by prominent florists. Send for descriptive circular of Mastica and Mastica glazing Machines. F. O. Pierce Co., Sole Manufacturers, 170 Fulton St., New York.

The Van Reyper Perfect Glaziers' Points. No rights or lefts. Price per box of 1000, 60 cts; by mail, 75 cts; in lots of 5000 by express, 55 cts per 1000. Henry A. Dreer, 714 Chestnut St., Philadelphia, Pa.

Glass for greenhouses, conservatories, hotbeds, etc. Also hotbed sashes and mats, paints, oils, etc. The Reed Glass and Paint Co., 456 West Broadway, New York.

Greenhouse glass and cypress sash material. Get our prices before buying. S. Jacobs & Sons, 406 West 13th St., New York.

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Importers and jobbers of Greenhouse Glass. Wheeler-Stenzel Co., 72 Sudbury St., Boston, Mass.

Send for Lucas on Glass. Four pamphlets tell all about it.

John Lucas & Co., Philadelphia.

Greenhouse Glass a specialty. Sprague, Smith Co., 207-209 Randolph St., Chicago.

Greenhouse Glass. Benjamin H. Shoemaker, 205 to 211 No. Fourth St., Phila., Pa.

Greenhouse Glass. Wood Glass Co., 226 N. Salina St., Syracuse, N. Y.

HOSE.

Hose for Florists. Penn Rubber Co., 608 Arch St., Philadelphia, Pa.

The Florists' Manual, by William Scott, is a complete reference book for commercial florists.

INSECTICIDES.

TOBACCO STEMS, the good, strong kind only, 60 cts per 100 lbs.; bales 450 lbs.

TOBACCO DUST, the black stuff, 2 cts per lb.; 50 to 1000 lbs.

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"Rose Leaf" Extract of Tobacco Insecticide, the best and by far the cheapest all-round insecticide on the market. For sale by seedsmen. For free pamphlet write The Kentucky Tobacco Product Company, Louisville, Ky., successors to Louisville Spirit Cured Tobacco Co.

Tobacco stems, \$1.00 per 100 lbs. Tobacco dust, \$2.50 per 100 lbs. Rose Leaf Extract of Tobacco, Nikoteen, Nicomite. Send for prices on large quantities.

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Palm leaves, prepared, in all sizes, special low prices for quantity.
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Pedestals or plant stands in all sizes, styles and colors.
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Full line of Pipe and Fittings. Send for latest prices. S. P. Conkling, 20 East Atwater St., Detroit, Mich.

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Pipe and Fittings. Hoffman & Billings Mfg. Co., 96 Second St., Milwaukee, Wis.

Iron Pipe and Fittings for florists. The Kelly & Jones Co., Pittsburg, Pa.

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Standard Flower Pots. Our pots are of the best quality. We ship all goods from Cincinnati, guaranteeing lowest freight rates and prompt delivery. Write us before placing your orders elsewhere.

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Standard Pots. We are now ready to supply a superior quality of Pots in unlimited quantities. Catalogues and price-lists furnished on application.

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Standard Flower Pots. If your greenhouses are within 500 miles of the Capitol, write us; we can save you money. W. H. Ernest, 28th and M Sts., N. E., Washington, D. C.

Flower Pots of all kinds. Standard Pots a specialty. List and samples free. Swahn Pottery Mfg. Co., Box 78, Minneapolis, Minn. Factory, Marshall & 25th Ave., N. E.

Flower Pots. Before buying write us for prices. Geo. Keller & Son, 361-363 Herndon St. (near Wrightwood Ave.), Chicago.

OUR 1900 STANDARD FLOWER POTS.

Better than ever. Send for Price List.
Syracuse Pottery Co., Syracuse, N. Y.

Red Standard Pots, wide bottoms, well burned and porous. Reduced prices.
Harrison Pottery, Harrison, Ohio.

Flower Pots. Missouri Pottery and Mfg. Co., 1216 W. 8th St., Kansas City, Mo.

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Papier-mache, crimped paper, willow, celluloid, braid pot covers, from \$6.00 per 100 upwards. M. Rice & Co., Philadelphia, Pa.

SPHAGNUM MOSS.

We are headquarters on Sphagnum. Just received several carloads.

Per Bale, \$1.00.

Six Bales, \$5.00.

Ten Bales, \$7.50.

Write for prices on large quantities.
McKellar & Winterson, 45, 47, 49 Wabash Ave., Chicago.

We gather our moss and it is the best to be had. Bales, 4½ feet long, 18 inches wide and 20 inches deep, weighing when well dried 40 lbs, 80 cents per bale; 10 bales, \$7.00. Green moss, \$1.00 per bbl.
Z. K. Jewett & Co., Sparta, Wis.

TEMPERATURE REGULATOR

Your greenhouse should be protected from over-heating and from chilling. We can do it to your satisfaction and at a small cost. Send for testimonials.

Wilder Mfg. Co., Springfield, Mass.

VASES.

Indurated fibre vases and saucers.
M. Rice & Co., Philadelphia, Pa.

WAGON HEATERS.

The Lehman heater is the best. Write for particulars. Lehman Bros., 10 Bond St., New York City, or Jas W. Erringer, 297 Wabash Ave., Chicago.

WHEAT SHEAVES.

Wheat sheaves, "unequaled," from 50c per doz. upwards.

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If you read these advs. others would read yours.

WIRE WORK.

C. A. Kuehn, 1123 Pine St., St. Louis, Mo., manufacturer of the Patent Wire Clamp Floral Designs. A full line of supplies always on hand. Write for catalogue.

We are Headquarters for Wire Work.
McKellar & Winterson, 45, 47, 49 Wabash Ave., Chicago.

Reed & Keller, 123 W. 25th St., New York Manufacturers of Wire Designs.

JACKSON, O.—Trade has this season been better than usual in this locality.

CALVERT, TEX.—Fire did some little damage to the seed warehouse of Gibson Bros. Jan. 4. Loss covered by insurance.

BRAMPTON, ONT.—The wife of H. Dale, the well known rose grower, died Jan. 3. Mr. Dale has the sympathy of a large circle of friends in the trade.

NEW HAVEN, CONN.—The florists who have been carrying on a "violet war" have got together, buried the hatchet, and put the price of violets back to the normal level. And a petition has been prepared asking all florists to close at 7 p. m., except on Monday and Saturday evenings.

SEED STORES BURNED.

In the great fire at St. Louis last week several of the leading seed firms were burned out with very heavy losses. Details will be found in our St. Louis notes in this issue.

MILWAUKEE.

The Market.

For several weeks the supply was very short and prices were up almost to holiday figures. The market has now eased a trifle, though roses still remain scarce, especially Beauties, which are practically not obtainable. Carnations are in fair supply and violets are plentiful, as are Romans, daffodils and freesias. Adiantum is scarce and smilax plentiful.

Notes.

W. A. Kennedy is cutting some fine carnations in the newer varieties and also some fancy Golden Gate roses.

Nic. Zweifel also has a fine crop of carnations coming in and his violets average with the best in the market.

C. C. Pollworth Co. have a fine lot of azaleas coming in for Easter.

Charles Zipnick is cutting some fine mignonette and also has a bench of pansies, which bring good returns.

John Dunlop and Archie Middlemass were on the sick list for some time, but are now both around again.

On invitation of O. Sylvester the florist bowlers visited Oconomowoc, where Mr. Sylvester arranged to pit the florists against a local team. The visiting florists were met at the depot, where a tally-ho awaited them, and were driven to the grounds of P. D. Armour, where Otto Speidel, the gardener in charge, showed the visitors about the place. Mr. Speidel has a 65-foot house of Lady Campbell violets which are one mass of flowers. His cut out of this house last season was 136,000. Although Mr. Speidel was busy looking after the icemen, he said that would cut no ice, and that he would be on deck to bowl with the florists.

From Armour's the party drove to Aug. Schueneman's, whose range of houses, mostly in carnations and violets, were found in excellent shape.

Mr. Sylvester then directed the footman to inform the driver to proceed to his place, where, under his guidance, the party was shown through his houses. Mr. Sylvester grows a fine lot of carnations, violets and a large variety of bedding stock. Violets were discussed here, as Mr. Sylvester was a recognized king for several seasons with this flower.

The party was then conducted to his residence, where Mrs. Sylvester had prepared a sumptuous dinner, and the crowd was hungry enough to eat almost anything. One of Mr. Sylvester's largest turkeys disappeared like a bunch of American Beauties at Xmas.

After dinner the party proceeded to the bowling alleys, where, after a little preliminary practice, the game began. Mr. Sylvester was elected captain and Mr. Speidel pinch, and the regulars were made up as follows: C. C. Pollworth, Wm. Edlefsen, Nic Zweifel, W. A. Kennedy, A. Klokner. The florists lost the first game, but this was laid to the big dinner. The next we won, but lost the third by 7 pins. Mr. Speidel's attempt to win out this game was

about as successful as the British in holding Spion Kop. Sylvester, Pollworth and Edlefsen rolled 198, 185, 166, respectively, but the other fellows went us a few better. Mr. Sylvester now thinks the town has grown smaller and that the whole population are bowlers. A return game will be given in the near future.

Bowling.

There is a movement on foot to resurrect the Florists' Club. At a recent session the following scores were made:

	1	2	3	4	5	av.
C. C. Pollworth	166	174	214	169	187	182
H. Hunkel	142	168	196	189	166	172
F. Holton	187	163	158	181	148	168
W. Edlefsen	163	145	139	157	171	155
N. Zweifel	140	141	138	155	160	147
A. Klokner	147	140	133	129	138	135
W. A. Kennedy	131	123	152	121	148	135

On Thursday, February 1, the boys tried it again, with results as follows:

	1	2	3	4	5
Pollworth	142	148	154	177	181
Holton	129	117	162	124	172
Zweifel	149	168	149	123	133
Kennedy	133	116	108	128	137
Hunkel	181	145	171	150	172
Edlefsen	100	143	152	123	129
Klokner	126	113	126	102	126

GEO. W.

WANT ADVERTISEMENTS.

Advertisements under this head 10 cents a line, an average of seven words to the line.

SITUATION WANTED—As foreman of good sized establishment near Chicago where merit and successful work will be appreciated; either cut flower growing or general stock; salary \$75.00 a month. Address A. M., care Florists' Review.

SITUATION WANTED—By florist and gardener. As all-around man; private or commercial; successful grower of orchids, palms, roses, carnations, etc., fruits and vegetables; strictly temperate and reliable. Address Y. Y., 287 West Street, West Hoboken, N. J.

FOR SALE.

Established Florist business in Indiana, a County seat; only florist in County of 30,000 population; everything in good shape. If you mean business, address Opportunity, care Florists' Review.

FOR SALE.

Large Greenhouse Plant. Established wholesale and retail trade. Well stocked and in good condition. Write for particulars, etc. B. F. BARR, LANCASTER, PA.

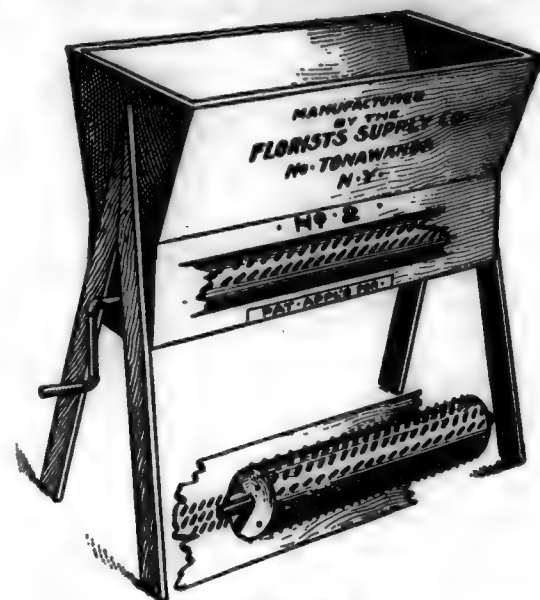
FOR RENT.

One hour's ride from Chicago, on C. & N. W. Ry.,

14,000 feet of Glass

in first class condition. Five acres of choice land if desired. A splendid chance for a good grower with a little capital. Address J. Florists' Review.

HUNDREDS of Florists are using our Pulverizers. You can regulate it. Send for list of testimonials



Patent applied for.

No. 1, \$5.00; No. 2, \$10.00; No. 3, \$20.00

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North Tonawanda, N. Y.

Mention The Review when you write.

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IT COSTS 4 CENTS FOR EACH 600 FEET OF FLOOR SPACE

DOES NOT INJURE THE MOST SENSITIVE PLANTS—ENDORSED BY PROMINENT FLORISTS—USED FOR FUMIGATION OR SPRAYING INDOORS OR OUT—200 LBS. OF TOBACCO IN ONE PINT BOTTLE—SOLD BY DELOSMER—CIRCULAR FREE—SKABURA DIP CO. CHICAGO.

Kill AND SAVE the BLOODS Bugs!

QUICKLY DOES IT.

Mention The Review when you write.

"NICOMITE"

(PATENT)

Vapor Insecticide

POWDER.

No labor required. Harmless to Bloom and Foliage. A certain killer of RED SPIDER, GREEN FLY and all other Insect Pests. Ask your Seedsman for it. The Tobacco Warehousing and Trading Co. LOUISVILLE, KY.

Mention The Review when you write.



HITCHINGS & CO.

203 MERCER ST. NEW YORK

GREENHOUSE BUILDERS

Hot Water Boilers, Pipes, Fittings
Stoves, Four Cent Catalogue, and Ventilating Apparatus

Mention The Review when you write.

SAN FRANCISCO.

The Market.

Business much the same as last week, with the exception of a few who report themselves as fairly busy. All kinds of stock is plentiful, except American Beauties and Maidenhair fern. Outside chrysanthemums are becoming poorer in quality each day and a week or so more will see the last of them. Harrisii is coming in more plentiful and of better grade. The first double daffodils have made their appearance this week, but don't sell as well as the single varieties.

Prices.

American Beauties, \$3.50 to \$4; Bridesmaids, Brides and Meteors, 50 cents to \$1; Perles, 35 to 50 cents; Cecil Brunners, 12½ cents per doz. Carnations: Ethel Crocker, 75 cents; Schwerin, Flora Hill and mixed fancy, 50 cents; Bradts and Gold Nugget, 35 to 50 cents; Portia and Scott, 25 cents per doz. Chrysanthemums, 3 dozen for \$1; Harrisii, \$3 to \$3.50; lily of the valley, 35 to 50 cents per doz.; single and double daffodils, \$1.50 per 100; freesias, \$1 per 100; paper whites, 50 cents per 100; violets, Princess of Wales \$1, California 50 cents, double 75 cents per doz.

Various Notes.

Shannahan, on Powell street, is at the head of a movement to drive the fakirs from the streets, and a petition is being signed by the storekeepers to have the licenses increased from \$10 per quarter to \$10 per month, and if passed may have the desired effect of clearing the street corners of most of the dagos. It is also a fact and much regretted that a few of our Greek and Italian storekeepers keep a small army of men and boys continually on the streets, and these may be classed as the worst of the lot. Give us any kind of opposition in the world but the dago storekeeper; he is hard to compete with and a detriment to the business.

E. W. McLellen met with an accident a few days ago, being kicked by a horse, and was confined to his bed for two days.

Mme. Prentice did the table decoration at the Hotel Metropole on New Year's day for the Tucker-Macdonald wedding. The ground floor was beautifully decorated with smilax, asparagus, palms, ferns, etc. The bride's table was large and round and was more conspicuous from the fact that the other tables were the small tete-a-tete kinds. At the head of the larger table, where the bride sat, two hearts linked together were made of Duchess roses and finished off with a true lovers' knot of broad pink satin ribbon. At the other end of the table an open wreath was made of Bridesmaid roses. The effect was very pretty, as the roses were cut with plenty of foliage and arranged without any stiff effect. Cut glass bowls of different sizes were set here and there around the table and

filled with Bridesmaid roses and Sprengerl sprays. Five cut glass candelabras were used, three clusters and two singles, and were topped off with the daintiest and most original shades made of pink French paper (the work of the decorator), and in trimming up the candelabras roses were arranged with careless effect. Pink tulle was tied around the base of the largest bowl and around in and out three-quarters around the table, finishing at one of the candelabras with a soft bow. One of the chief points of merit in the decoration was that there was nothing directly in the center of the table, every guest being visible from any point. A large square of real lace was laid over the cloth in the center. On one corner was placed a bowl of roses with the graceful sprays of Sprengerl trailing over, and nothing else to detract from the beauty of the lace but scattered rose petals which seemed to have fallen from a large bunch arranged in the chandelier above, some of the roses having been pulled off to give that effect. The bride's cake was laid in a bed of roses. A few choice roses scattered here and there and tucked in among the tulle put the finishing touches on, and the "tout ensemble" was something not easily forgotten. J. N.

HEATING.

Will the following amounts of 4-inch cast iron pipe heat a greenhouse with 800 square feet of glass, with wooden sides, to the degrees of heat indicated when the outside temperature is 20 degrees below zero?

Forty degrees, 211 ft.; 45 degrees, 236 ft.; 50 degrees, 263 ft.; 55 degrees, 291 ft.; 60 degrees, 322 ft.; 65 degrees, 354 ft.; 70 degrees, 389 ft.; 75 degrees, 428 ft.; 80 degrees, 470 ft.; or with 2-inch or 1½-inch pipe to equal the 4-inch pipe. J. J. L.

In answer to J. J. L.'s inquiry, relative to proportions of heating surface necessary to maintain given temperatures in greenhouse, I would say, assuming that the proportion of exposed wooden walls to the glass surface is as usually existing on ordinary greenhouses, the amount of pipe he suggests is liberal, and should maintain the desired temperatures very easily. If he decides to use 2-inch pipes, he will need one and six-tenths times as many lineal feet as of the 4-inch, and if 1½-inch pipes, about twice as many lineal feet as of the 4-inch. For ordinary greenhouse circulations, I would suggest 2-inch pipe in preference to 1½-inch. HENRY GIBBONS.

New York.

LOUISVILLE, KY.—Alfred A. Neuner, the well known florist of this city, died recently in Stuttgart, Germany.

SUBSCRIBER (Rochester, N. Y.).—Such a list would be too lengthy to print. You will find them all in the trade directory. Please attach your name and address to future inquiries.

THE FLORISTS' MANUAL.

The Florists' Manual, by William Scott. Florists' Publishing Co., Chicago. A reference book for commercial florists.

The author's first aim in preparing this work was to fill a long felt want among florists—a book describing the best plants commercially, with cultural advice founded on experience. Viewed in this light, it is a valuable and instructive work, very complete in its details. But it need not be confined to circulation among florists and others commercially connected, although gardeners and amateurs need not expect in it a work exactly fitting their requirements. Rather judge it through the author's own words, i. e.: "If those who favor us with a perusal of its pages glean only one hint which may help them * * * they will have received value for their money." A work resulting from Mr. Scott's long and varied experience, "from selling a bunch of violets over the counter to planting a tree or seeding a lawn or building a greenhouse," cannot but throw out many hints of value to any one interested in any line of horticulture or flower gardening. The comparatively small index confronting the reviewer at first is far from encouraging, but as the purpose of the author is more clearly brought to light, it is better appreciated. It shows the intention to treat of the most desirable and profitable things to handle—a condensation which many will enjoy. Many interesting subjects are brought to headings, such as "Easter Plants," "Watering," "Decorations," "Potting," "Bedding Plants," etc. Not the least of value to the possessor of this book are the beautiful half-tone illustrations, numbering more than 100, and thoroughly illustrating the subjects treated. Critical persons may object to the interspersing of advertisements with the reading matter, though it is not made very obtrusive; yet it must be remembered that the work is designed for commercial purposes, and not strictly as a library book.—Meehan's Monthly.

SOCIETY OF AMERICAN FLORISTS.

Plant Registration.

The Conard & Jones Company, West Grove, Pa., register seedling rose "New Century," a cross between Clothilde Soupert and rugosa alba. Described as an ever bloomer, hardy as rugosa. Flower pink, double; fragrance similar to that of the wild rose. Foliage resembling that of rugosa.

WM. J. STEWART, Secy.

BELMONT, MASS.—John Husband, the florist, has made a petition in bankruptcy. His liabilities are \$1,661.79, with no assets.

TERRE HAUTE, IND.—The floral store formerly conducted by the late C. E. Rippetoe has been purchased by George Hunt.

THE FLORISTS' REVIEW

G. L. GRANT, EDITOR AND MANAGER.

PUBLISHED EVERY THURSDAY BY

THE FLORISTS' PUBLISHING CO.

520-535 Caxton Building, Chicago,

334 Dearborn Street.

Subscription, \$1.00 a year. To Europe, \$2.00. Subscriptions accepted from those in the trade only.

Advertising rates: Per inch, \$1.00; 1/2 page, \$2.50; full page, \$7.00. Discounts: 6 times, 5 per cent; 12 times, 10 per cent; 24 times, 20 per cent; 48 times, 30 per cent. Discounts allowed only on consecutive insertions. Only strictly trade advertising accepted. Advertisements must reach us by Tuesday to insure insertion in the issue of the following Thursday.

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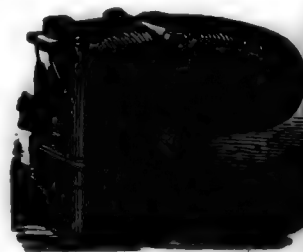
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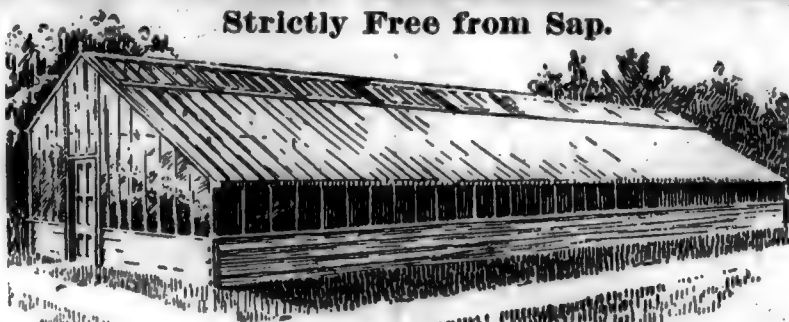


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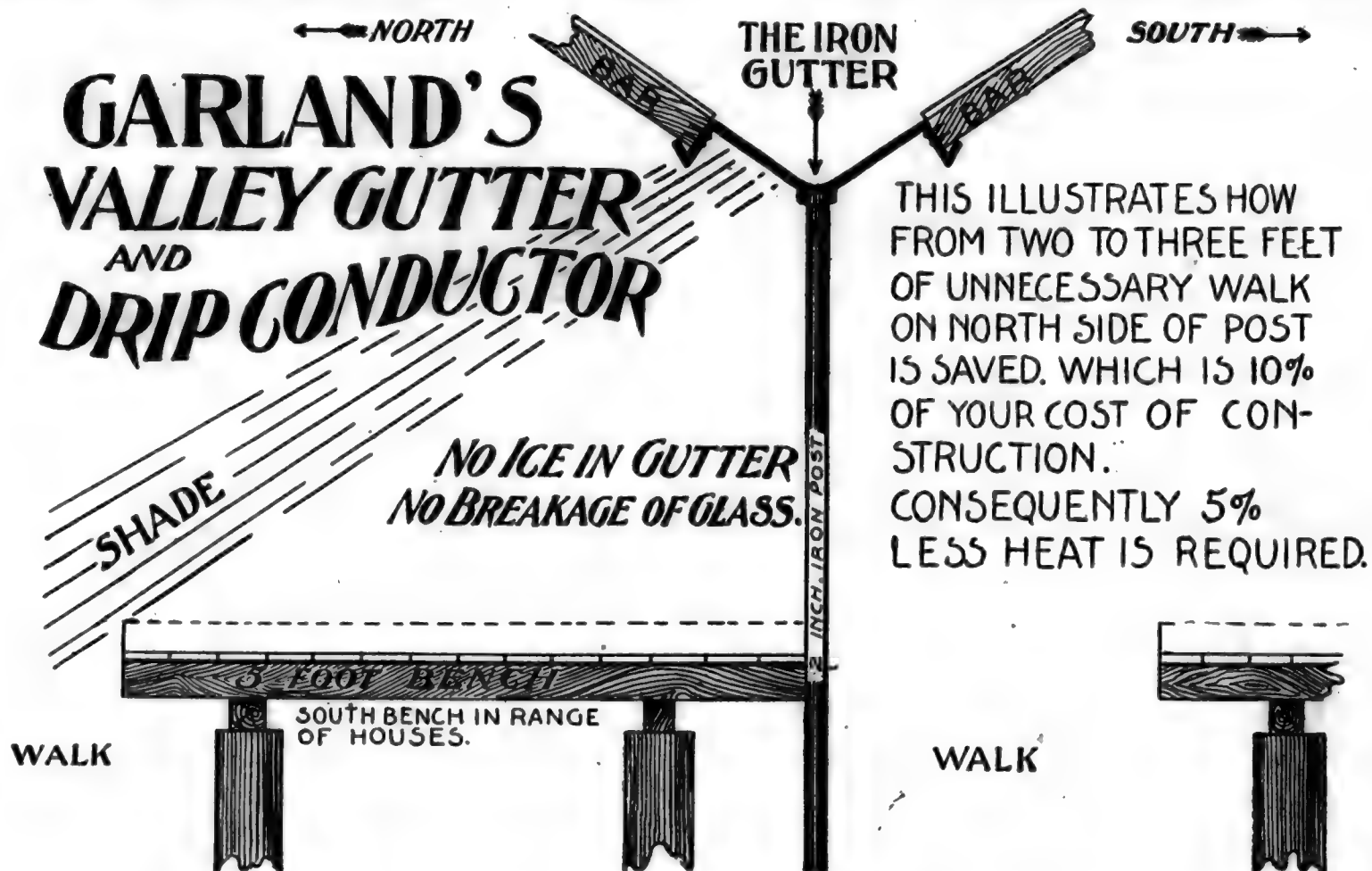
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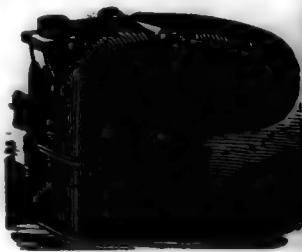


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FLORISTS' PUBLISHING CO., 520-535 Caxton Building, CHICAGO.

Vol. V.

CHICAGO AND NEW YORK, FEBRUARY 15, 1900.

No. 116.

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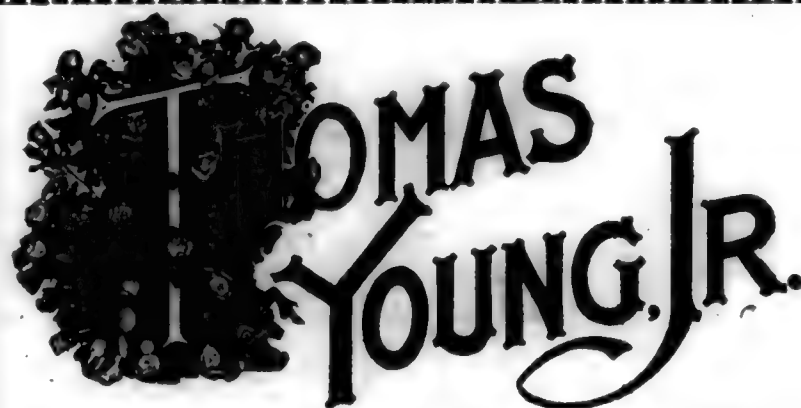
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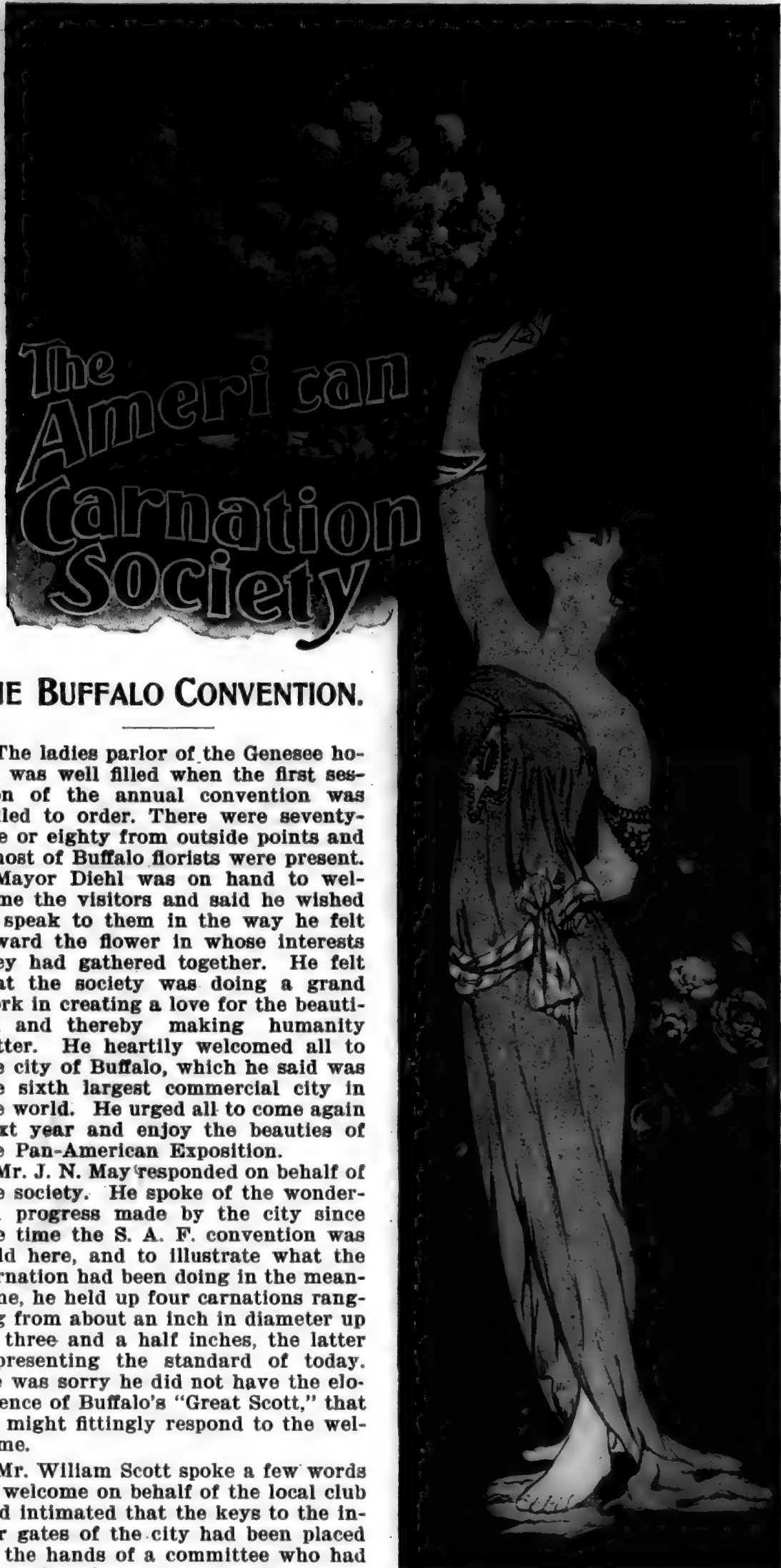
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The American Carnation Society

THE BUFFALO CONVENTION.

The ladies parlor of the Genesee hotel was well filled when the first session of the annual convention was called to order. There were seventy-five or eighty from outside points and a host of Buffalo florists were present.

Mayor Diehl was on hand to welcome the visitors and said he wished to speak to them in the way he felt toward the flower in whose interests they had gathered together. He felt that the society was doing a grand work in creating a love for the beautiful and thereby making humanity better. He heartily welcomed all to the city of Buffalo, which he said was the sixth largest commercial city in the world. He urged all to come again next year and enjoy the beauties of the Pan-American Exposition.

Mr. J. N. May responded on behalf of the society. He spoke of the wonderful progress made by the city since the time the S. A. F. convention was held here, and to illustrate what the carnation had been doing in the meantime, he held up four carnations ranging from about an inch in diameter up to three and a half inches, the latter representing the standard of today. He was sorry he did not have the eloquence of Buffalo's "Great Scott," that he might fittingly respond to the welcome.

Mr. William Scott spoke a few words of welcome on behalf of the local club and intimated that the keys to the inner gates of the city had been placed in the hands of a committee who had been given large discretionary powers.

Secretary A. M. Herr read his report, as follows:

Lancaster, Pa., Feb. 15th, 1900.

Mr. President and Gentlemen of the American Carnation Society:

Your secretary begs leave to report, having issued the proceeding of the meeting held in Philadelphia, Pa., in due time and having mailed the same to all members not in arrears in dues.

The resolution of thanks to Prof. Arthur was printed and forwarded to every Experiment Station in the U. S. and a separate copy to a number of officials, state and otherwise.

Membership in the Society has remained about stationary, the few dropping out having been replaced by about an equal number of new members.

Registration has been pretty generally followed up by members and non-members, wherever a variety has been named with the view to introducing it to the trade, and thus quite a few cases of the duplication of names avoided. Respectfully submitted,

ALBERT M. HERR.

President W. P. Craig read his address, in which he extended the right hand of fellowship to the American Rose Society. He suggested a change in the scale providing a liberal number of points for the keeping qualities of the flowers. This latter brought out some little discussion, several speakers holding that it would be impossible to fairly score a flower on this point, even on the last day of the show, as some flowers would have traveled further than others. None doubted that keeping qualities were important and all felt that it would be well if it could be considered. The judges for the exhibition were elected by a general ballot, which resulted in the selection of Wm. Scott, W. N. Rudd and A. Graham as judges of seedlings, and J. M. Gasser, F. Burki and W. J. Palmer as judges in the general classes.

Among those present at the convention from outside points were the following: A. Herrington, E. Dailedouze, J. N. May, F. R. Pierson, C. B. Weathered, Alex. Wallace, New York; Robt. Craig, J. D. Elsiele, W. P. Craig, Walter Mott, Jno. A. Shellem, Jno. Kuhn, Robt. Kift, S. S. Skidelsky, Philadelphia; Peter Fisher, Wm. Nicholson, W. J. Stewart, Boston; A. Graham, J. M. Gasser, H. A. Hart, A. Schmitt, Caspar Aul, F. W. Ziechmann, S. N. Pentecost, Guy Bate, Cleveland, O.; Geo. A. Rackham, R. Flowerday, F. Holznagle, J. F. Sullivan, F. H. Beard, Gus. Taepke, Jas. Taylor, John Carey, W. Breitmeyer, T. S. Brown, Detroit, Mich.; R. Witterstaetter, Wm. Sunderbruch, Mm. Murphy, Cincinnati; Henry Smith, Geo. F. Crabb, Wm. Hannah, Grand Rapids, Mich.; S. A. Baur, Erie, Pa.; E. G. Hill, J. A. Evans, Richmond, Ind.; Geo. Bayer, Toledo, O.; T. C. Joy, Nashville, Tenn.; F. Dorner, Jr., Lafayette, Ind.; Robt. George, Painesville, O.; H. Weber, Wm. Weber, Oakland, Md.; Wm. Swayne, Kennett Square, Pa.; Albert M. Herr and wife, Lancaster, Pa.; L.

E. Marquisee, Syracuse, N. Y.; W. T. Bell, John Bell, Franklin, Pa.; W. C. Rockwell, Bradford, Pa.; C. Hagenburger, C. Merkel, Mentor, O.; J. L. Dillon, Bloomsburg, Pa.; F. Burki, Pittsburg, Pa.; Geo. E. Fancourt, Wilkesbarre, Pa.; E. Hippard, Youngstown, O.; O. P. Bassett, W. N. Rudd, J. D. Thompson, J. V. Merion, James Hartshorne, George Garland, G. L. Grant, Peter Reinberg, Henry Wietor, J. C. Vaughan and wife, J. S. Wilson, of Chicago; J. C. Rennison, Sioux City, Ia.; William Clark, Colorado Springs, Colo.; Geo. H. Bancroft, Cedar Falls, Ia.; J. F. Wilcox, Council Bluffs, Ia.; John H. Dunlop, J. F. Miller, Toronto; H. Dale, Wm. Fendley, Brampton, Ont.; Wm. Gammage, London, Ont.; J. H. Taylor, C. W. Ward, C. Besold, New York; John Murchie, Sharon, Pa.

The exhibition was undoubtedly the grandest display of carnations ever made, being superior in several points to any previous display by the society.

A most striking feature was a vase of the huge blooms of "666," displayed by Dailedouze Bros., Flatbush, N. Y., and which won the Lawson gold medal. It was referred to by one visitor as the chrysanthemum-carnation and its size warranted the title. In color it is a white, suffused with pink.

Mrs. Thos. W. Lawson, the Marquis, Genevieve Lord, Enquirer, Estelle and a host of other stars of the first magnitude were represented by huge vases of bloom.

Three-year certificates of merit were awarded to the following: Gov. Roosevelt (Ward), crimson, 93 points; No. "666" (Dailedouze), white, suffused pink, 89 points; Elinora (Witterstaetter), white, 89 points; Enquirer (Witterstaetter), pink, 88 points; Estelle (Witterstaetter) scarlet, 86 points; Mrs. Bertram Lippincott (Kuhn), pink, 86 points. Others exhibited in this class scored as follows: No. 110 (Weber), white, 83 points; pink seedling (H. A. Molatsch), 83 points; No. 30 (Weber), pink, 82 points; Opal (Witterstaetter), light pink, 81 points; Irene (Crabb & Hunter), pink, 80 points; Syracuse (Marquisee), pink, 76 points.

Preliminary certificates were won by No. 550 (Witterstaetter), white, 90 points; the Maine (Fisher), white, 88 points; Delight (Dailedouze), pink, 88 points; No. 100 (Dailedouze), white, 87 points. No. 11, white, shown by C. F. Baker & Son, scored 80 points.

The Cottage Gardens' Silver Cup was won by Gov. Roosevelt (Ward). The Chicago Carnation Co.'s cup was won by No. 3 (Dailedouze), light pink. The silver medal went to R. Witterstaetter, for Adonis, scarlet. The sweepstakes prizes went as follows: First, to Dailedouze Bros., with Mrs. Bradt; second, to R. Witterstaetter, with Enquirer; third, to R. Witterstaetter, with Adonis.

In the class for arrangements of car-

nations with foliage no awards were made. There were two entries, but the judges considered that they fell short of the present high standard of floral art and withdrew the cup.

In the general class R. Craig & Son were first for fifty crimson with Gomez, and second with Maceo. H. Weber & Son took first for 50 yellow with Pingree. Chicago Carnation Co., first for 100 variegated with Mrs. Bradt; E. G. Hill & Co., first for 25 dark pink with Leslie Paul; L. E. Marquisee, first for 100 light pink with The Marquis; E. G. Hill & Co. second with Ethel Crocker; Chicago Carnation Co. first for 100 crimson with Maceo; J. L. Dillon first for 100 white with Louise; Chicago Carnation Co. second for 100 scarlet with Jubilee; E. G. Hill & Co. second for 100 white variegated with J. Whitcomb Riley.

Next week we shall print some notes on other flowers seen at the exhibition.

A Discussion.

The question of changing the scale so as to cover keeping quality of the flowers brought out a long and interesting discussion. It was made quite evident that the scale could not be made to cover everything and that no judges could determine from the flower anything as to keeping qualities or freedom of bloom, those two very important matters. The point was made that the keeping quality of any flower depended a great deal on how and when it was cut, and Mr. S. A. Baur stated that flowers cut with a sharp knife would keep twice as long as those that were picked by breaking the stem. The matter was finally referred to a committee with instructions to revise the scale, or else provide some other way of determining the keeping qualities of the flowers of new varieties.

The express companies received a little attention. Mr. Hill said Mr. May had written a large number of letters to high officials of the company, with the only result that Mr. May had considerably improved his handwriting.

Mr. Peter Fisher not having prepared any paper on hybridizing, a discussion of the subject was invited. The several speakers agreed that good seedlings were largely the result of chance and that about all the hybridizer could do was to select good parents, get a large number of seedlings, and hope to get a few good ones out of the batch. Mr. Witterstaetter said he had records of over 27,000 seedlings from crosses, but his record had been of little assistance so far. He thought though, that it was well to depend upon the seed parent for blooming qualities and constitution, and believed that color was most largely influenced by the pollen parent. He could devise no rule or system to bring forth desired results. This was

indorsed by Mr. Dorner, who said that you might cross two crimsons and get a white.

Mr. A. Herrington suggested that it would possibly be best for both the carnation and rose societies to hold their meetings in the same city at the same time. The suggestion was favorably received, and a committee appointed to confer with the officers of the rose society. Should this arrangement be carried into effect the attendance from outside points would surely exceed a hundred and thus insure getting a reduced rate from the railroads.

A committee was appointed to prepare a premium list for the next exhibition, this work having in the past fallen largely on the shoulders of the secretary. A number of the essays promised did not materialize, but the discussions that took their place were certainly just as valuable. Mr. Hartshorne's paper was received with interest and given the attention the subject deserved.

And now they talk of a carnation having an "air spaced calyx."

Next Year.

The society was honored by invitations from four different cities for next year, these being Indianapolis, Baltimore, Detroit, and Cleveland. A good deal of oratory was expended in favor of the various cities and written ballots were finally resorted to. Baltimore was selected after a warm canvass, receiving 33 votes, Indianapolis 24, Detroit 2, and Cleveland 6.

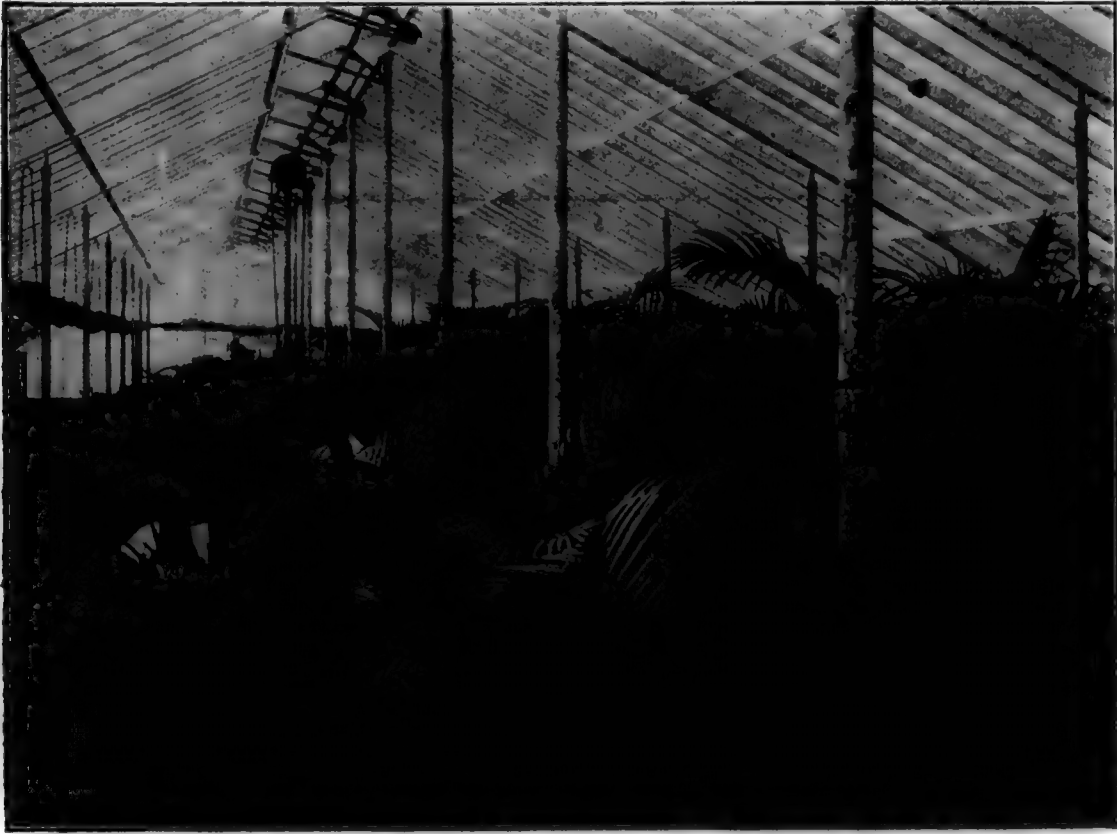
Indoor Planting.

The discussion of Mr. Hartshorne's paper brought out the fact that many good growers thought it was carrying matters to excess to keep the plants always indoors. While all favored early planting, the majority thought the plants should surely have the benefit of at least a few months' outdoor growth in the spring.

An important point that developed during the discussion was that the Dailedouze Bros. no longer use the side ventilators in their houses, finding that they induce too rapid evaporation. Mr. Ward said the evaporation was needed to keep the houses cool, but Mr. Dailedouze said that the free use of water on the walls to offset the evaporation was apt to sour the soil by an excess of moisture and to make the growth soft.

A pleasant side entertainment at the convention was an elaborate dinner tendered to thirty of his friends in the trade at the Hotel Iroquois on Thursday evening by Mr. J. D. Thompson, manager of the Chicago Carnation Co.

The menu was exceptionally good, and as most of the bright lights of the society were present, the flow of soul was fully in keeping with the menu and flow of liquids. It was a most enjoyable event.



View in one of the Palm houses of Mr. Jos. Heacock, Wyncote, Pa.

GROWING CARNATIONS UNDER GLASS ALL SUMMER.

By JAS. HARTSHORNE.

[Read before the American Carnation Society at the Buffalo Meeting.]

What first induced me to try this method was the reading of some carnation notes by Mr. Edwin Lonsdale of Philadelphia, some five or six years ago, telling of the success he was having with certain varieties, notably Buttercup and Helen Kellar. I first tried it in a small way, planting about 100 or so of each variety, and on the first experiment secured blooms far superior to any that I had ever been able to produce from fall lifted plants. I became so convinced that I was on the right track that each year following I increased the quantity of plants for trial, so that now, the fifth season of my experiment with this method, we grow practically all our carnations indoors. I feel that we have passed the experimental stage, and can conscientiously recommend this method to any one who wants high grade carnations from September to July.

My understanding of growing carnations inside all summer and that of others regarding the matter undoubtedly makes the title of the subject a trifle misleading, as I do not think it practicable or advisable to keep the plants indoors entirely. They should be planted outside as early in the spring as possible. Plant close together in the rows, say about six or eight inches apart, and allow just enough room between the rows to work a hand cultivator. By July 1st, if you have attended faithfully to the pinching process, you will have nice bushy

little plants. At this date, or as soon after as you can prepare your houses to receive them, they should be housed.

Allow me here to lay stress on the fact that the greatest enemy to successful indoor culture is red spider, and that the grower should thoroughly cleanse his houses of this pest before planting young stock in them. I would also advise giving the plants a good syringing before lifting, as some of the varieties get badly infested with spider in the field, at least we find it so in our locality. The houses should be shaded during planting, unless you can get a few days of cloudy weather, which is seldom likely at this season.

Treatment after housing is much the same as that ordinarily practiced, except that the details of culture demand greater carefulness. The walks, walls and surfaces underneath the benches should be well syringed to keep down the spider. If this is given close attention, as it should be, it will not be necessary to syringe the plants more than once in two or three weeks. If done early in the morning, I find it very beneficial, as it washes the dust off the plants and keeps the pores of the foliage open for action. It is also well to get the hose outside occasionally to wash the dust off the glass, as the more light the plants receive after they are established, the healthier and tougher will be their growth.

The soil should not be too rich, or it will cause a too soft and spindling growth. If the soil is naturally good, rotted sod, etc., it is best not to add any manure whatever. Superfluous manure is one thing in particular which must be guarded against to in-

sure success, as with such a high temperature and a regular supply of moisture at the roots, the plants will grow fast enough without it. It means more labor feeding later in the season, but at the same time it is my belief, very essential for the health of the plants.

One of the principal drawbacks to growing inside is the baking and cracking of the soil, conditions peculiar to our soil as soon as it becomes dry after watering. Where this happens it makes a great deal more work cultivating the soil by hand as against using a cultivator outside; but to do away with so much of this extra labor, when scratching up the soil between the plants, I find it a good plan to leave a ridge or elevation of the soil between the rows, thus affording for the rows of plants a sort of gutter, where all the water should be applied and not allowed to run over the surface of the entire bed. It is necessary not to use a too strong force of water or it will wash the loose earth in heaps. The ridges of soil between the rows are intended also to act as a mulch for the roots, which is better for the health of the plant than a mulch of manure, unless the latter be very fine and minus nutriment.

The ventilators should be left open night and day until the temperature gets down to 40 degrees at night. It is quite important to give them the benefit of this low temperature, if it can be done before the blooms appear, which for our market would be about September 15th or October 1st, as it seems to give the plants a more vigorous growth, the foliage a nice bluish color, and the stems additional stiffness. As soon as the blooms appear, one can readily note the superiority of the flowers of inside stock to those from plants lifted only two or three weeks before. The former are in good demand at sometimes double the price of the latter, which are often harder to dispose of at any price owing to the large quantity of such stock in the market at this period.

I do not believe that as good blooms can be produced by field grown plants until about February 1st. At this date the out-door stock begins to catch up; but there are already gone four of the best months for marketing the product, and right here is where the indoor grown stock gains the advantage over the outdoor, and the real reason why I advocate indoor culture in preference to fall lifted plants. I notice that the majority of the growers around Chicago are planting a week or two earlier each year, so that now some of the most prominent growers are planting in July, and they keep making a better reputation each year for carnations.

To be as brief as possible, I might sum it up in this way: It requires more labor to care for plants grown inside, consequently it brings a higher cost on the product; but the grower will not have such a grassy growth of



Carnation Genevieve Lord.

plants, thus enabling him to plant closer and to cut as many or more blooms from a given space than from field plants, and as I claim one can get a higher price for the blooms during at least a considerable portion of the four months already indicated, the additional receipts from the indoor method will be so much more than the extra cost of production as to still leave a very considerable balance in their favor.

CARNATION GENEVIEVE LORD.

We present herewith illustrations of blooms of this new pink carnation, which has been received with much favor wherever shown. It originated with H. Weber & Sons, Oakland, Md., who have favored us with the following regarding its parentage:

"Genevieve Lord. A seedling of 1896. Edna Craig x Scott. Some seed was raised during the winter of 1895-96 on a few exceptionally healthy, vigorous plants of Edna Craig, which had been propagated from one particular plant, which seemed to be entirely free from the bacterial troubles peculiar to that variety. These few plants gave extra fine flowers on stems $2\frac{1}{2}$ to 3 feet in length, strong and stiff. Among the crosses made on these were several by Wm. Scott. Genevieve Lord was the best of these seedlings. It has retained the good characteristics of both parents. The long stems, large flower, and beautiful color are taken from the seed parent, while the continuous and free-blooming habit is derived from Scott. In growth and habit it is midway be-

tween the two. It is an exceptionally healthy and vigorous grower, and with us the most profitable pink carnation we have ever grown."

MOLES IN ROSE BEDS.

What means other than traps can I employ to get rid of moles in my solid rose beds? I do not seem to be able to catch the pests by means of a trap.

SUBSCRIBER.

In reply to Subscriber's inquiry will say that arsenic on a piece of meat inserted into the main runs may tempt them to nibble, and if they do it will surely kill them. In my own experience I have always used traps and have been able to keep the beds clear of them.

It is a great pity they do not confine their work to the space between the rows of plants, as they would then do small damage, but as it is they frequently lift many plants. The mole is a great insect destroyer and would be a benefit if it was not for the damage done in lifting plants.

In Holder's "Elements of Zoology" it is stated that a single mole is estimated to eat 20,000 insects in a year. One has been known to devour 432 maggots and 250 grubs in four days. Another 872 maggots and 540 grubs in twelve days. At another time two moles in nine days destroyed 341 grubs, 193 earth worms, 25 caterpillars and a mouse, its bones and skin. Subscriber might poison a mouse and put its remains in the mole run and thus get rid of two so-called enemies of the hard working florist.

A. O. T.

BUILDING—VARIETIES TO GROW, ETC.

A polite inquiry comes from a rural district which reads something like this: "I got \$200. How big a greenhouse can I have built for it? Has to run from south to north. And which is the best paying carnation for the New York market?"

I am not a pessimist—rather I like to look on the rosy side of all things—but to give any encouragement to this enterprise would be wicked. From the phraseology I judge that the correspondent means that he has \$200—no more nor less. If he is wealthy and meant that he had that amount to squander on the greenhouse venture, then I would say that the sum named would almost dig and brick up a moderate sized stoke hole, which is a little more of a start than the man who proposed to make a large barrel, and all the capital or material he had to commence operations with was the bung hole.

If you have \$200 and don't owe anything, you are a happy man; but don't go into horticulture just yet. If you have the ability to grow high-class flowers for the New York market, you should get a job (several people want you) and add some to your capital. Most of our successful men have begun in a small way, but not quite so small as that. The actual profits with those that have started on a large capital and small experience have been very little, if any, and there are any number of cases where the undertaking has been a complete financial failure. Yet if you have an uncle or mother-in-law who will loan you ten thousand dollars on "slow notes, payable at convenience," you might try. The distribution of wealth benefits the community at large.

Glass has dropped some, but iron and wood are still very high, and the most you could expect to build with \$200 would be a house 10x20. It would be unwise to hazard giving any particular variety to grow for the New York market. Before the product of this establishment began to affect the market to any extent there will doubtless be newer and better varieties than we even have today. About aspect, a house of that size should be portable; then you could give it broadside to the east in the morning and move it every seven-teen minutes so that you got all the solar rays that were going that day.

W. S.

MUSCATINE, IA.—August Smith has purchased eight acres of land near North Mulberry street, upon which he intends to build greenhouses and establish a commercial business next summer.

SEDALIA, MO.—Gelven & Son, who have 5,000 feet of glass, built last fall, will add another house, 18x80 feet, in May. They report the business outlook as excellent.



Exhibitions.

Just a word or two to flower show committees. Some of your schedules have already been compiled; most others soon will be. Don't look at or judge things exclusively from your own point of view. Remember, you are supposed to not merely gratify your own fancies, but to offer the general public a feast of beauty, and at the same time lessons which shall be indelibly imprinted in the memory. We are sorry to see that the American Rose Society, which will hold its first exhibition in New York next month, has not considered the decorative part worthy of notice. There is no class calling for the art of arrangement. Of course, growers were on the committee, and they consider only their department. The society appeals for support to all lovers of roses, which is very wise and proper and should be favorably responded to, but the proper way to seek the support of the retailers would be to offer them a share in the glory of the exhibition.

The Rose Society's schedule for the March show contains over 200 classes and a money value of \$1,400 is offered in prizes, but not a dollar of this large sum is offered as a prize to show how the "queen of flowers" should be used in any way. We fail to see the justice of this and hope it will be rectified.

We are glad to note that the Carnation Society has offered a cup for decorative work, and sincerely hope there will be many given next year. Of course, it is early to speak of it yet, but it would be well to provide for a good representation of all sections of the trade at the S. A. F. convention show; prizes for the most artistically arranged exhibits in the different branches would produce good effects.

When making up your schedules, no matter be the show in country, village or in great city, remember the eye of the public is held by the work of the artist; give the retailer a chance to show his ability. We are to have a practical demonstration of floral art decoration at the S. A. F. convention next August, and though materials of a class are scarce or unobtainable at that time, yet there will be sufficient to

give good lessons, and the wall space and galleries of the hall are suitable for such.

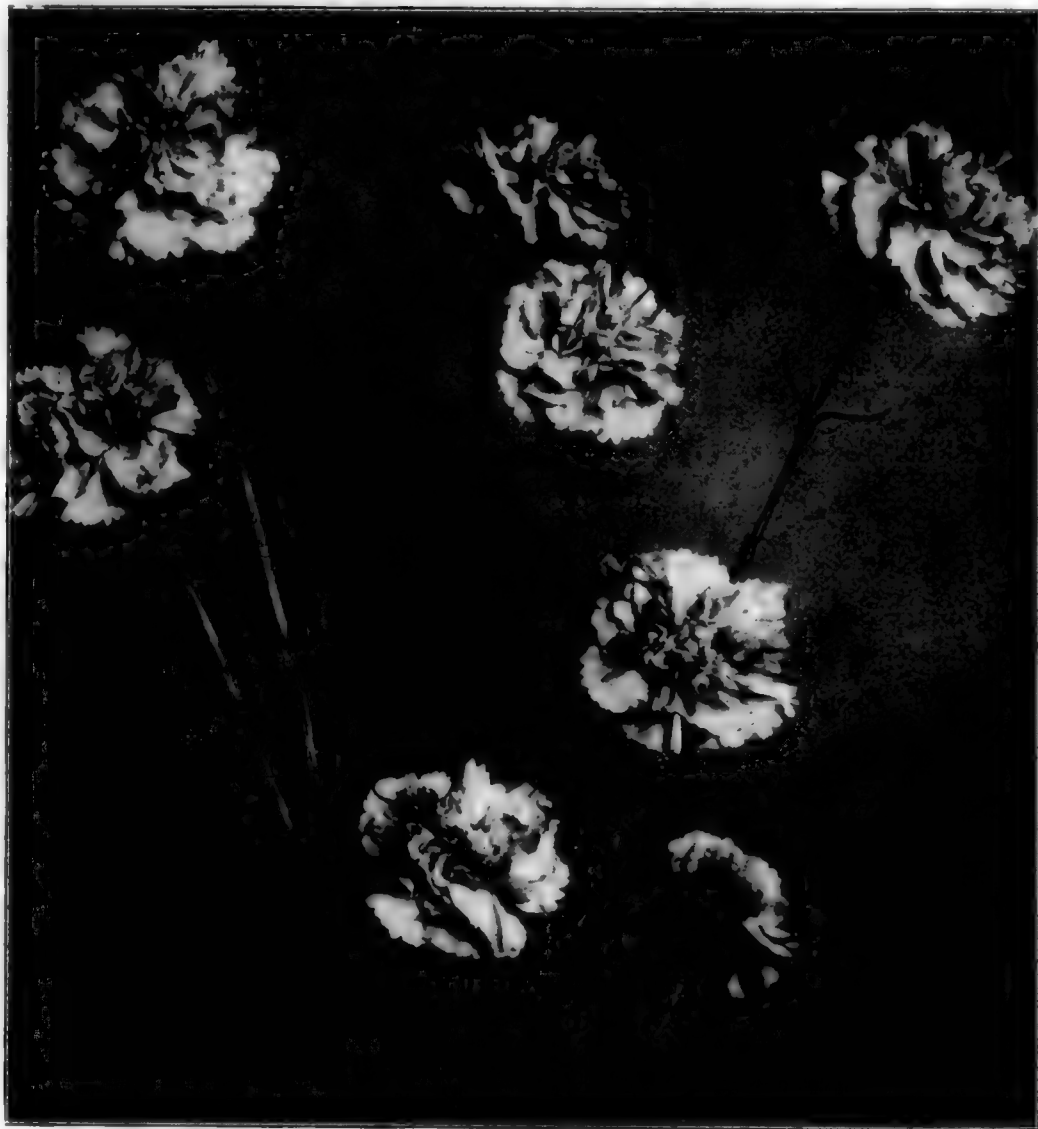
Street Fakirs.

We are informed that a fight is on between the San Francisco florists' store keepers and the street venders. We hope the store keepers will organize everywhere and compel the authorities to confine this nuisance to a limit which will render it harmless. It appears the flower fakir in 'Frisco pays \$10 a quarter as license; in New

York he is supposed to pay only \$2 a year, but the majority pay nothing. If you could watch them on the main streets in New York you would see how they dodge the police by running from one side of the street to the other; most of them are dirty faced Greeks who work on the padrone system for a few cents a day.

It is all very well for the grower and the wholesaler to defend this system of selling flowers to the public; they, of course, profit by it; but the retailer does not, and now, suppose one of these Greeks came in front of a wholesaler's place with a basket of flowers and sold them to that wholesaler's trade, how then? We venture to predict that the day will come when the retailers of every city will combine to protect themselves against such evils; it cannot be tolerated much longer. Here we have these parasites, this fungus of our business, organized to beat down the market whenever they can; they club together, let one man buy in big lots to get them cheaper, and then divide; in this way, and with the further advantage of having no expense, they can even afford to buy high-grade stock and sell for less than half what the legitimate dealer must charge for his.

It would appear that each branch of our business today must adopt meas-



Carnation Genevieve Lord.

ures for its own protection. We consider it our duty to side with the retailer.

Roses.

The Philadelphia florists had a most interesting debate recently on "The Rose." We would like to see the matter taken up by growers and retailers in every city; it would certainly result in benefit to the future of that great flower and to trade. Every thinking man knows that we need more varieties of roses in the cut flower trade. We feel sure that the new rose Liberty two years hence will decrease the demand for American Beauties. There is also a future for that grand variety "Lady Dorothea."

A great deal of trouble arises from the fact that when a new rose appears on the market it is either in poor condition, or the grower demands an exorbitant price for it. We admit that in some cases the store keepers are to blame, and a little more closer relation and confidence between these element would often avoid disappointments. The best way out of the present rut is undoubtedly for the retailer to have roses specially grown for his particular trade.

A prominent grower only the other day asked us what would be a good flowering plant to have in now besides azaleas, cinerarias, etc. We told him pot roses. We think if anyone had good roses in pots now they would sell well, and then see what grand effects could be made with them in decorations instead of your clumsy laurel screen, or even group of palms, to hide musicians with. What could be finer than a hedge of roses? By tilting some up and covering the boxes or pots with green moss, a very natural bank of roses can be made. They would pay to even cut them off at the pot and arrange them, foliage and all, in vases. We have too much stiffness, too much artificiality, in most of our work; we should grow pot roses if only for the buds and foliage; but, apart from that, we badly need some of the fine old hybrid perpetuals at this time of the year.

Plants.

We already hear loud complaints about the condition of the lilies intended for Easter, especially the bulbs from Bermuda. The Japan longiflorums we are informed are all right, but the others are a bitter disappointment to many a poor grower. It's hard to tell definitely yet what prices will be asked for lilies this year; many more of them are being grown, but the percentage of failures will have a bad effect on trade. Many will try to cover the loss by introducing other kinds of stock. There is very little that is new; the principal trade, as usual, will be on quality.

Some very pretty shades of color are seen at present in primulas; *Primula obconica violacea* is fine when with the white *obconica* or with the old *nivea*.

Acacia pubescens is seen in the principal windows in New York. Thorley on Saturday made a specialty of a lattice screen of leucothoe foliage. In the open circular center was placed a high handled basket of daffodils and *Acacia pubescens*; black humming birds were perched on the acacia; the basket was graceful and looked pretty. This variety of acacia is by far the most beautiful for decorative work; you can make it resemble a shower of gold over a mirror; it should never be tied up stiffly and you will find that it always looks best when hanging downwards or gracefully over. It is pretty on the table with either *cuneatum* or *Farleyense*; stick it into the plants, or you can arrange it with yellow narcissus. We have often used *La France* or *Testouts* with it in mantle decorations to good effect.

Wallflowers and antirrhinums have appeared on the market and are welcome for variety's sake. A great many boxes and pans of bulb stock are being shown this week in windows; good colored tulips in pans sell well in many localities.

Gardenias are extra fine now. Thos. Young, Jr., makes a specialty of them and is shipping them all over at present. They will be popular as Easter plants, and he will have them in fine shape at that time. The gardenia is a grand flower; it will never be common, because it will not stand rough handling; it is like the orchid in many respects; it may lack the color of those flowers, but it vanquishes all on sweetness. They are the most refined flowers to wear and are suitable for all occasions. Care should be taken not to wet them, for water will turn them yellow.

In last week's paper someone asks if gas injures plants in a store. Yes, it is bad for plants anywhere. Electric light is the only fit illumination of the florist's store. It is good to have gas in, too, for fear electricity fails, as it does sometimes, but when gas is unavoidably used, ventilation should be put on and the plants be frequently syringed.

Talking of plants reminds us that even at this time of the year we get a warm day once in a while, and where plants have been for weeks, perhaps months, in a dwelling house, advantage should be taken of these warm days; take the plants out to the yard, go over them with a feather duster or sponge them, and then give them a thorough washing down with the syringe. This will be of great benefit to them. You can do the same with the plants in your store; a poor or dirty plant is a bad thing to show prominently in your place of business.

IVERA.

BALTIMORE, MD.—The greenhouse belonging to Mrs. Emma A. Oakford, Garrison and Kate avenues, was destroyed by fire Dec. 28, causing a loss of \$600, covered by insurance.

CARNATION MRS. BERTRAM LIPPINCOTT.

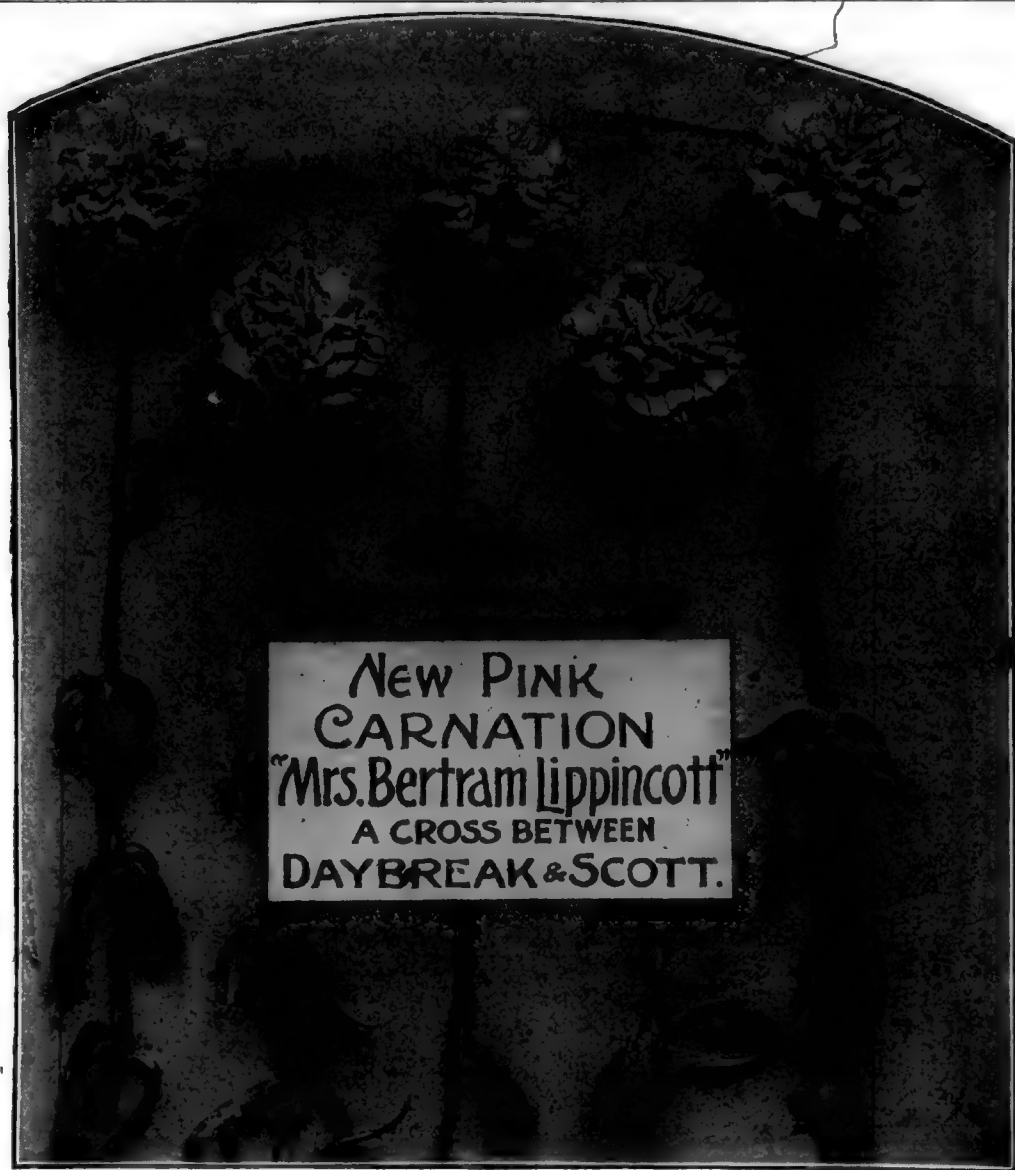
We present herewith an engraving of this new pink carnation, which is especially interesting on account of its being a cross between the two old favorites, Daybreak and Scott. It originated with John Kuhn, Philadelphia, and has been grown by him for the last four years. It is now being offered to the trade by H. F. Michell, the Philadelphia seedsman.

As seen in the picture, the form is excellent. The color is soft pink, a shade darker than Daybreak, size 3 to 3½ in., stem 2 to 2½ ft. long, habit strong and healthy. The flowers are said to be fine keepers, and the plant a free and continuous bloomer. There will no doubt be a place for it.

BALTIMORE.

The dean of the floricultural trade here by virtue of seniority is Anthony Cook, who is now in his eighty-third year. Born in Bavaria, he came to this country, to avoid military service at home, in 1840. From that date on he has been actively at work, and so continues at his extensive greenhouses, which, occupying nearly a block of ground, has seen the city grow up around and extend far beyond them. Still vigorous and enthusiastic, he beholds with equal pleasure new introductions of today or dwells with retrospective gusto on the olden beauties of the past. His grounds have been ever the home of the rose. Here may still be seen beds of hardy sorts which were planted forty years ago, and remain vigorous and productive. In one bed is the original plant of the first remontant rose which was ever sent out—the *Sidonia Weaver*. The florists of America, indeed, could well afford to raise a statue of bronze to the honor of Mr. Cook, for by his hand was planted the seed and on this soil first grew that noblest and grandest of forcing roses, which is known everywhere today as the American Beauty. This variety was raised by him with many other seedlings, the parentage of which could not be determined, but proving valuable for outdoor purposes, it was propagated, and, after some years, with other roses, a plant or two was sold at \$6 per dozen, under the name given by its originator, "Madam de Poloyne," to the historian George Bancroft, of the city of Washington, an ardent admirer and cultivator of garden roses. Here, as is well known, it was seen by Florist Field, who, ascertaining its eminent adaptability for forcing, introduced it to the trade as the American Beauty, a name describing aright both its origin and its quality.

Another of Mr. Cook's originations is the *Cornelia Cook*, a seedling from *Devoniensis*. This rose was sent abroad, reintroduced from England into Boston, renamed there and sent out at \$10 each as a foreign acquisition, but the facts of its birth being shown, its proper name was restored. All know its good qualities.



A similar experience met another of his roses. This was a satiny pink seedling of unknown parentage, but which he named after an amateur rosarian of his vicinity, who paid the munificent price of 50 cents for the first plant sold, Charles Getz. This variety is a magnificent pillar rose, making in fertile soils and in good seasons growths of fifteen feet. It was rechristened the Climbing France and sent out anew. Some of the first batch of plants are still growing on its original site. This has been found a most desirable stock on which to bud other sorts. Jeanne d'Arc, the white seedling of Gloire de Dijon, makes superb flowers so treated, and magnificent blooms of Etoile de Lyon are obtained when thus managed.

This venerable German finds pleasure, as well he may, in recalling these incidents, and, though he no longer originates new varieties, he is constantly occupied with the problems and details of cultivation, and, like that sturdy, grand old Scotchman, Robert Halliday, and that equally rugged Englishman, Samuel Feast, his deeds do follow him as do his children's children, lo! to the third generation, in this gardener's calling, which blesses and beautifies the earth and broadens and ennobles men.

Opportunity permitting, some future page of the Review may contain a passing notice of other roses which

had their origin in this city, and of their producers.

The Gardeners' Club, it is stated, has had an enlarged income this year, with corresponding opportunities for usefulness. A good spirit prevails, no narrowness or bigotry marks the proceedings, and on all sides information, suggestion, counsel, are given as freely as asked. Many young men have come into the club, always a factor of progress. The last chrysanthemum show was not a success. The public failed to evince appreciation of the efforts of the cultivators and the guarantors of the fund to prevent loss bore the brunt of the struggle. In fact few of the later exhibitions, however attractive, have been successes financially. Some years ago quite a handsome bank account had accumulated, but later efforts in the show line exhausted it, and it is probable that for some time to come few shows except those of a single afternoon or evening will be held.

The club meets in a handsome and commodious hall, but some think a permanent club home which could be open every evening would be conducive to its well being. The organization is a social and beneficial as well as a trade society. Once or twice a year dinners are given, with guests present from abroad; there is an occasional smoker, and each summer an excursion or picnic. This all contrib-

utes to better acquaintance and more sociability amongst the membership. In case of death the deceased member's family receives a sum proportioned to the members then on the active list. Two benefits have been paid within the past six months. A reference and circulating library is maintained, and all the gardening papers kept on file. A permanent club house, to meet up-to-date requirements, would now, however, have to be very convenient to a good bowling alley!

For the week ending today (12th) the demand in this city for flowers has been unusually brisk, and it would be a fair representation of the market to say that in roses the supply has scarcely kept up to the demand and carnations have not been over-abundant. We do not give any quotations, for the grading here is not equal to that of Boston or New York. But whoever here has had merchantable stock has had no reason to complain of the market.

During the recent cold "snap" a section of one of the boilers of Messrs. Fischer & Ekas gave way. Fortunately it was their reserve boiler, and so far no loss has resulted. These young men who by their intelligence, industry and energy stand in the van of our growers have had a series of misfortunes. The blizzard of February, 1899, found them short of fuel—by no fault of theirs. A few months later a large section of their plant was destroyed by fire. But there is no let-down in them, and their friends all hope the tide has by this time turned strongly in their favor.

It is reported that one firm here gathered 150,000 seed of *Asparagus plumosus nanus* last year.

Messrs. Richard Vincent, Jr., & Son have one of the largest glass ranges in this part of the country, covering about two and one-half acres. They are reducing the quantity of flowers heretofore grown, building more houses, and producing vegetable plants by the million. Their heating apparatus is a model of efficiency, a battery of three of the largest size steam boilers of a popular make being in use. The senior of the firm has just returned from a visit to the New York trucking centers, where he booked orders by the wholesale. RIX.

THE BOTTOMLESS POT.

We hear some very unfavorable reports by violet growers on the Balsley bottomless pot and suggest that they be experimented with in homeopathic doses only.

The general report is that though the plants grow well in the pots they are much harder to care for, do not come in bloom so early as those planted out on the bench and are not so free after coming into bloom.

DETROIT, MICH.—The project of conservatories for Clark or Palmer Park is being agitated.

MISCELLANEOUS SEASONABLE HINTS.

Easter Plants.

There is nothing that will occupy our thoughts so earnestly just now as the regulation of Easter crops. Where one whole house is devoted to one crop and the means of adding to or diminishing the heat, this is easy; but where several things are in the same house a great deal of moving must be done.

If you can just see the buds of *Harrisii* or *longiflorum* lilies now, you are all right, and it will be very mild forcing to bring them in; but those that do not yet show the buds have plenty of time if you have the means of giving a good, strong heat during March. About the time that the leaves are parting and the small cluster of buds is visible is a critical time with the green fly; a puncture of the tiny bud will often show disastrous effects later on. Fumigation is the most thorough way of killing the aphids, but does not always seem to penetrate down among the crown of leaves, and till the buds are distinctly seen they should be given a weekly syringe with the Rose Leaf Extract diluted 50 to 1, or the Nikoteen, 200 to 1 of water, and the Scollay sprayer is the best thing to apply it.

Crimson Ramblers should now have a growth of 2 or 3 inches, but may not yet be showing the flower buds. They will be all the stronger and better if kept cool, say about 45 to 50 degrees at night, for the next three weeks, and a little more heat to finish them off. Plants that were grown in pots last summer will need the best of feeding, as the pots are cram full of roots and little to feed. They must be fed by mulching and liquid manure.

We have never been too easy with *Deutzia gracilis*. Of course, it depends on the heat you give them, but they are much more useful when grown cool, and seven weeks is not too long to give them in a moderate house.

The Ghent azaleas and *A. mollis* take about five weeks in a cool house. Last year they sold well, for the beautiful shades of color are unique, and with orange tinted paper they trim up finely.

We have discontinued forcing rhododendrons; they are unwieldy in size and do not bring a proportionate price. Unlike the Indian azaleas, they are very slow to open in a cool house, and most of the varieties want four or five

weeks of a good warm house and plenty of syringing.

If you go over your azaleas about now and pinch off all the young growths, they will do till flowering time. If you don't many of the varieties will be smothered with growth and the flower buds will perish.

The *cytisus* or *genista* is always early and Easter is late, so it will be with difficulty that you can keep them back for Easter; but you can help much by giving them the coldest house you have and air on all possible occasions. Anything above freezing will do for these, and the Indian azaleas if they are not too early.

Don't forget that lilacs will do very well with five weeks in the greenhouse and a little less as the season is this year.

Flowering plants are not the only thing that go at Easter. There is always a big demand for palms, ferns, rubbers, etc., and it is now that they should be bought and established in their new pots. Why, I don't know; but invariably when a plant is newly shifted or potted and immediately sold it ends in trouble. The plant does not thrive. The disturbance of the roots, if it is ever so little, may partly account for it, and perhaps the more need of skillful watering is the other part. As it is, we never like to sell a palm that has been recently shifted, and for that reason you should lay in your stock now for your prospective wants.

The many and various little duties have crowded upon us rather thickly just now and please, Mr. Editor, excuse the brevity of my hints for this week.

WM. SCOTT.

BOSTON.

The Market.

Seen from a stall at the Park street flower market, floral conditions here during the past week have shown marked improvement over any other week since Christmas. All kinds of goods have been in fair supply except smaller grades of roses, which were very scarce, and bulb goods, which were in over-supply.

The carnation supply got a little thin in spots two or three times, but on the whole just about stood the call at fair figures, say from 1½ to 2½ cents

on good ordinaries. Anything of a rose called for 4 cents, but the demand was limited on goods worth more than 12½ cents, and cases were rare where over \$2.50 per dozen was obtained in pink and white. Prices on red ones have slacked up a bit, purchasers looking hard at a \$5 bill before banking it in a dozen of the best Beauties. Lots of smaller bulb goods have changed hands at the rate of \$1.50 per 100.

Notes.

Circulars advertising the "fifth annual trade exhibition," March 3, at the Park street market, are out. Extracts from it read as follows:

"The great success of these exhibitions has made it an annual event which is eagerly looked forward to by the members of the florists' craft throughout New England, and prospective investors now await this opportunity to see what they are going to invest in, while introducers of novelties are given a chance to meet personally and to exhibit their novelties to the lovers of well grown flowers.

"The exhibit of 1899 attracted attention all over the United States and novelties were exhibited from as far west as Illinois and east from Maine, while visitors from all over the New England states were in attendance.

"We are pleased, therefore, to once more extend a cordial invitation to all introducers of new roses, carnations or other novelties to give the growers of New England an opportunity to see the result of their success, and also to invite them to personally attend and make an exhibition of whatever flowers they are desirous of placing on the market.

There is no better market in the country than Boston to take hold of a new thing. The growers in this vicinity are enterprising and mean to keep up with the times, a fact which can be substantiated by exhibitors in former years. So, if you are looking for business, send on your flowers, and the advertisement will reach every live florist in New England.

"Full instructions regarding the shipment, care and disposal of cut blooms can be had by addressing the secretary,

"W. S. PHELPS, JR.,

"Hingham, Mass."

The Review need have no hesitation in backing up the points claimed. Twelve certificates are to be given for merit in exhibitions of roses, carnations, violets and novelties.

It was Mr. Elliott's determination to go to the hospital on Monday of this week for an operation for appendicitis. As he lays his plans well and thoroughly carries them out, it is probably safe to assume him to be there, and I know I can assure him the sympathy of this paper and its readers and their best wishes for speedy recovery.

Mrs. Rogers, who recently gave up her store under the Adams House, Washington street, has made arrange-

ments to reopen on Summer street, near the South Station.

We regret to record the death of Frank Becker, the venerable florist. He had been ailing for some time and during the past year his condition showed a gradual decline. His wife, his son Frank and several close friends were at his deathbed.

Mr. Becker was a pioneer in the florists' business and his greenhouses in the vicinity of Memorial hall have long been regarded as landmarks.

Services were held at the residence, 1716 Cambridge street, and the interment took place at Mt. Auburn directly afterwards.

Mr. Becker was 70 years old.

What's this! Rebellion? Secession? No, peaceful revolution. Mr. Zinn's head man, Long, the young lady book-keeper and the plump errand boy declare a republic and go down to the Thorndike floral rooms, on Boylston street, under the leadership of Pres. Long. "Long live the Republic!"

B. T.

PERMANENT CONSTRUCTION.

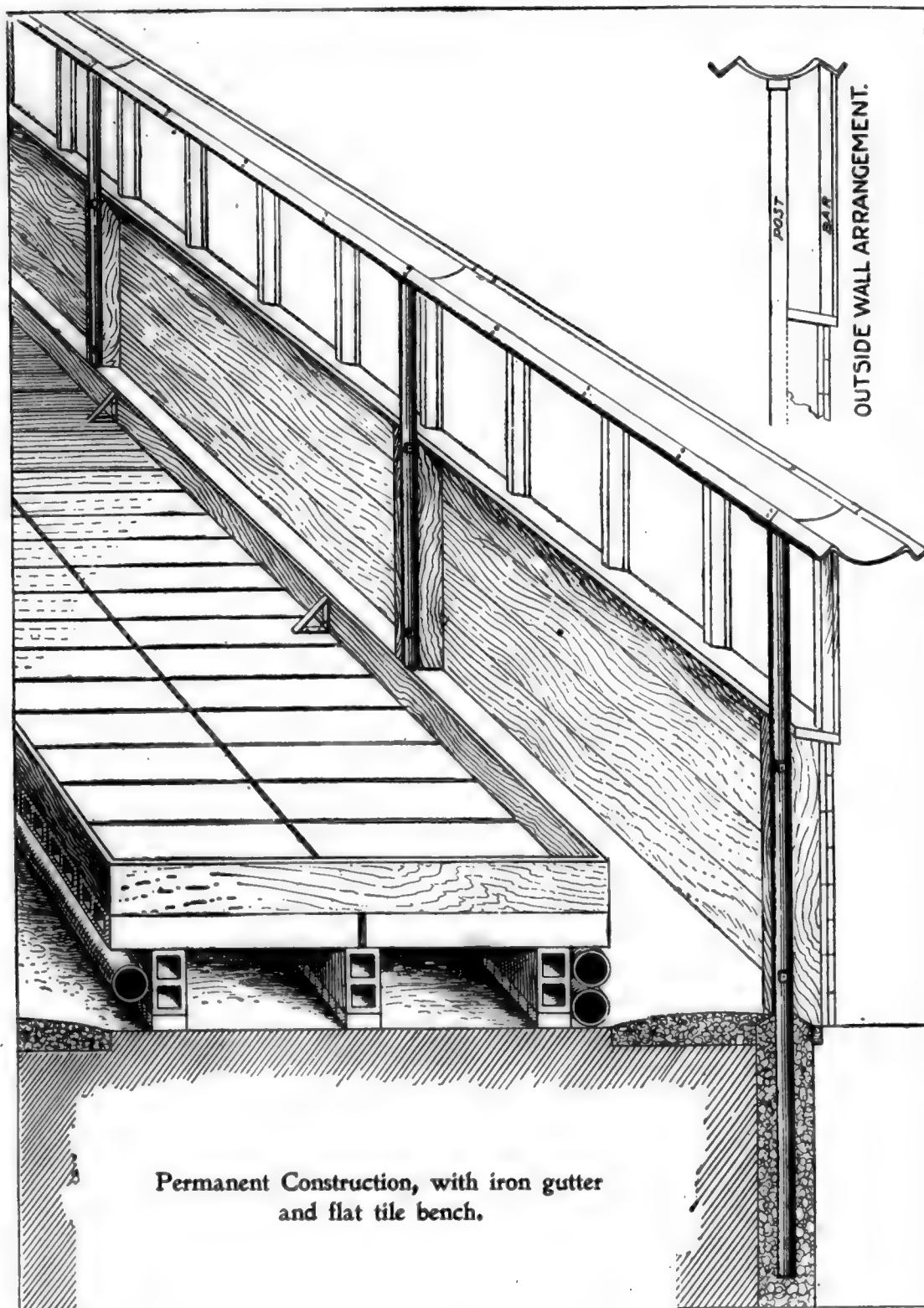
It is not so many years ago that iron pipe supports under the purlins of greenhouses were the exception rather than the rule; now they are the rule rather than the exception. And the bases of these supports are now quite generally of cement, which is molded up around the pipe to keep moist soil away from the iron.

An equally vulnerable part of a greenhouse is the gutter, and iron promises to soon take the place of wood here. Quite a number of attempts to make use of iron gutters have failed on account of their great expense, but this expense has been largely overcome by a gutter invented by Geo. M. Garland, Des Plaines, Ill., which, while sufficiently heavy to carry several times the weight required, can be made at a cost which makes its use profitable compared with wooden gutters.

Those who have used this gutter several years say it has many advantages besides that of permanency. The iron being a good conductor of heat, the gutters that connect houses melt the snow and ice very rapidly, the heat from inside the houses being immediately effective.

Certainly an iron gutter resting on iron posts set in concrete should make a greenhouse well nigh indestructible, for cypress sash bars will serve almost indefinitely resting on iron at the bottom, and hardly anyone now thinks of using any other wood than cypress in a greenhouse roof, its great durability having been most thoroughly demonstrated.

Tile benches inside the house are the next important item. Permanency here is as necessary as in the house, for the continual replacing of wooden benches is a serious expense. Benches with bottoms of common round tile have been found to be not



Permanent Construction, with iron gutter and flat tile bench.

only more permanent but better for the plants than wooden benches, and one of the largest rose growers in the country has now all his benches with tile bottoms. A flat tile, though, would have some advantages over a round one for a bench bottom, and we present herewith an engraving showing a tile designed for the purpose by Mr. Garland, who is preparing to manufacture them.

As seen in the picture, the tiles are made of such a length that two will cover the width of the usual greenhouse bench, and the idea of permanency has been carried to its logical conclusion by supporting these bench bottom tiles by others placed on edge. We understand these tile benches can be erected at about the same cost as wooden ones, with 2-inch plank bottoms, and in view of this we are inclined to think that the day

of the wooden bench in rose and carnation houses is about past.

The picture also shows the way in which the Garland iron gutter is used on an outside wall. Mr. Garland, by the way, is a florist of an inventive turn of mind, and the iron gutter was first designed by him for use in his own houses, where it excited so much favorable comment by visitors that he finally decided to manufacture it and offer it to his brother florists.

PROVIDENCE, R. I.—William Flanagan, the florist, died Feb. 3 of catarrhal inflammation of the stomach and malaria. He was born in this city in 1855 and for the past twenty years has conducted a successful business at the corner of Brook and Manning Sts. His mother, sister, and two brothers survive him.

NEW YORK.

Various Items.

The past has been a week of much activity both in business and in general horticultural matters.

There will be quite a large delegation go from here to attend the Carnation Society's meeting at Buffalo, which it is safe to say will be the largest ever held by the society, and flowers to be shown there from here alone will be magnificent, and a credit to men and country.

The meeting of the Florists' Club on Monday night was well attended, and much earnestness and enthusiasm prevailed. Several names were put in nomination for membership, and the guarantee fund for convention purposes was very liberally subscribed to. The several committees, and indeed there seems an abundance of them, reported progress. The committee on Horticultural Exhibit submitted their schedule which was practically adopted by the club, and a trophy valued at \$100 will also be given by the club to the society whose members make the best display at this show; in addition to the other numerous prizes the S. A. F. will offer 12 silver and 12 bronze medals to be competed for in the horticultural section. We hope this particular section will be creditable to the men of these parts; we feel it would be better assured if the societies were not ignored. When the club first wanted to get the convention here they did not hesitate in asking the other societies for assistance, which of course was generously offered. Our idea of courtesy differs, but we feel sure, that, if instead of a committee merely representing the membership of the club, one was organized, consisting of one or two representatives from each society within 100 miles of New York, greater results would show themselves; as it is there is much dissatisfaction, and it may hurt. In the case of an exhibition like this, particularly when every society is being urged to do its best, they should have some voice in the arrangements.

The executive committee of the S. A. F. notified the club officially that the Thursday afternoon and evening of the convention would be placed at the disposal of the club, that the whole of Friday would be set aside for sport and frolic, and that the matters of hall, etc., were acceptable to the society.

Charles Schenck, 38 West 28th St., New York City, is secretary of the committee on sports; he particularly requests that the captains of all teams wishing to take part in the bowling tournament here next August communicate with him by March 1st. The awards committee of the New York Florists' Club recommended that the club's silver medal be given to Dailledouze Bros. for their new carnation "666," the recommendation was agreed

to. E. J. Norman, Lenox, Mass., and J. T. Butterworth, South Framingham, Mass., attended the meeting and made short addresses. The general committees will meet in the club's rooms on the evening of February 26th. The home committee was requested to provide for the next meeting.

The second series of games between the New York, Flatbush and Hoboken clubs were rolled off on the New York alleys on Monday afternoon, and if this is a forerunner of what the national tournament is to be—well, we don't know what will become of throats and nerves in these parts. This was the greatest affair we have had in New York for some time, there were about seventy-five bowling enthusiasts present, and the coaching was pathetic, amusing and terrific. Notwithstanding that the New York team selected the two strange alleys (for which Capt. Traendly was criticised) they won, and are so far the winners. The third and last series of games, however, will be the most exciting, they are to take place on the Flatbush alleys, March 1st. The Flatbush boys expect to win out, and ought to as they will be on their own vantage ground. In addition to the match games on Monday there were several efforts made by a contingent of rooters on other alleys, but by unanimous vote the press was requested not to publicly damage reputations by publishing the scores.

Refreshments of various hues and acceptable materials were plentiful and thoroughly enjoyed, all hands finally sitting down to battle with knife and fork.

Following are the scores:

NEW YORK.			
F. Traendly	185	129	
P. O'Mara	143	177	
J. Manda	129	103	
L. Hafner	115	114	
A. Burns	158	153	
T. Lang	130	144	
	860	820	
FLATBUSH.			
P. Riley	128	138	
L. Schmutz	107	152	
J. Raynor	91	120	
A. Zeller	172	170	
W. Prosser	119	124	
D. Mellis	132	121	
	749	825	
HOBOKEN.			
M. Hansen	100	132	
P. Fischer	148	146	
W. Hillebrecht	102	101	
G. Kogge	126	129	
L. Hansen	115	129	
G. Brown	138	103	
	729	740	

Theo. Lang offers a prize of \$25 to the man having the highest number of pins to his credit at the National Tournament, Philadelphia, Buffalo and Denver papers please copy. Theo's voice is in mourning since Monday night.

Alex. Burns has purchased a place of about 8 acres and several greenhouses at Spring Valley, Rockland county, N. Y., for his son, A. S. Burns, Jr., and will give the new florist a good start in life; other fathers could take a lesson from this.

The executive committee of the New York Gardeners' Society will meet in the Florists' Club rooms, 8 p. m., February 26th, for the purpose of arranging for a carnation show in New York in March. J. I. D.

FLATBUSH, N. Y.

Louis Schmutz has all at once become extremely dignified; he is now a grandfather, a daughter having appeared to decorate the home of Louis Schmutz, Jr. Many of the boys are prone to think that Louis was too overjoyed to come near the alleys lately. Scores rolled there on February 8th were:

E. Dailledouze	141	157	...
C. Wocker	106	101	127
P. Dailledouze	123	141	...
A. Shaw	100	109	99
P. Riley	114	137	124
A. Zeller	134	112	125
D. Mellis	112	...	...
H. Dailledouze	164	191	...
Papa Zeller	88	86	89
C. Woerner	78	106	96
W. Stewart . . . . .	...	108	108
F. Donohue . . . . .	...	152	84
J. Donlan	167	129	131

D.

BUFFALO.

We have fondly hoped that Buffalo would give the visitors to the carnation convention such weather as might be expected in old Virginia, but hopes are dispelled and the weather man says "snow and much colder." We can stand lots of it and then be springlike compared to Philadelphia a year ago, where we had four feet of snow, with surface irrigation, sub-irrigation and in some cases interior irrigation.

Before these words are read the carnation convention will be past and we believe it will go down in history as the best up to date, as it naturally should, for progress and evolution is the order of the day, as it has been of all days, and retrogression is exceptional. Business has been quite fair and not the slightest difficulty in filling orders. Rebstock's window is very gay with well grown tulips, daffies and other bulbous stuff. Palmer has always a grand show of his extra good carnations. Scott tries to induce sales with good home-grown violets and valley and a plentiful show of azaleas. Anderson is always neat and tasty and up to date with his display, and Adams is usually so busy at his specialty, defunct policemen, firemen and veterans being his patrons, that he has little time to make display, and when short of flowers always falls back on the glorious stars and stripes.

Our local papers announce the bankruptcy of John J. Pickleman, of French street. It is said the place, consisting of twelve houses, is to rent.

The advance guard of carnationists has arrived in the shape of Walter Mott. Recent drummers to visit Buffalo are Billy Corbett Boas and the other paper box gentleman, Max Beat-us; Messrs. Ringier, of Chicago; Rolker, of New York, and McHutchinson, of New South Wales, and Mr. Dreyer, of Herrmann & Co. W. S.

CHICAGO.

The Market.

Trade has considerably increased in volume but the supply has enlarged sufficiently to meet the improved demand and conditions are very satisfactory. The supply of carnations has shortened up some. Of bulb stuff there is a surplus, especially of daffodils. Violets, too, have with some been a trifle too plentiful, in spite of the increased call on account of St. Valentine's day. This is no doubt due to the cold weather. The call for the violet follows the thermometer very closely, and when the mercury drops below the freezing point the demand falls off.

There is no material change in the prices of stock of shipping grade. But there is a good deal of poor stuff in the market.

Kennicott Bros. Co. are showing some fine mahonia leaves that meet with much favor.

Various Items.

Mr. Wm. Falconer, superintendent of Schenley Park, Pittsburg, visited the parks here last Tuesday. He is on his way to California.

Last Monday evening the bowlers bowled a few games with Messrs Wilcox of Council Bluffs, Clark of Colorado Springs, and Joy of Nashville, Tenn., as guests, and an enjoyable time was had.

McKellar & Winterson keep adding to the variety of supplies they offer to the trade. One of the latest is a seed case suitable for florists' stores. A sample displayed at their store shows it to be a handsome piece of furniture, and proof against mice, etc., the drawers being of sheet metal.

Miss Pauline Windmiller, Mankato, Minn., and S. W. Pike, St. Charles, Ill., were recent visitors.

The delegation to the Buffalo meeting of the American Carnation Society on the Wabash train leaving at 3:15 p. m. Wednesday included Messrs. O. P. Bassett, W. N. Rudd, James Harts-horne, George Garland, G. L. Grant, Peter Reinberg, Henry Wietor, Mr. and Mrs. J. C. Vaughan and J. S. Wilson, of Chicago; J. C. Rennison, Sioux City, Ia.; William Clark, Colorado Springs, Colo.; Geo. H. Bancroft, Cedar Falls, Ia., and J. F. Wilcox, Council Bluffs, Ia.

Mr. B. Eschner, of M. Rice & Co., was a caller this week.

ST. LOUIS.

Club Meeting.

The regular monthly meeting of the Florists' Club was held Thursday afternoon, Feb. 8. President Ammann called the meeting to order at 3 p. m. The attendance was poor, only twelve members being present. The exhibition committee made a report

and by next meeting of the club will be able to make a final one and the money on hand will be divided among the prize winners at our late show.

A letter was read from Mr. Thos. F. Galvin stating that he had sent a box of Lawson carnations for exhibition at this meeting, but they failed to arrive and those present were much disappointed in not seeing the famous carnation.

Ed. Walters, of 6815 Virginia avenue, made application for membership.

The following florists were elected to membership: Prof. Irish of Shaw's Garden, Henry Emundt of Belleville, Ill.; J. W. Dunford, of Central, Mo., and Henry Blixen, of Edwardsville, Ill. Several members were dropped from the rolls for non-payment of dues.

The new carnation Peru was on exhibition and was reported by the inspection committee as worthy of mention.

Dr. A. S. Halstedt, C. C. Sanders, and R. F. Tesson were appointed a committee to draw up resolutions on the death of John M. Jordan.

A committee of five was appointed to look into the details of giving a show this year and report at the next regular meeting.

The next meeting of the club will be our annual rose meeting and the club has offered a prize of \$5 for the best vase of fifty roses, one or more varieties, American Beauties excluded. The meeting will take place on Thursday afternoon, March 8, at 3 p. m. All florists are invited to attend.

The question box was opened and one question brought out quite a discussion: "Which is the Best Paying Carnation?" Mr. H. G. Ude of Kirkwood said that Daybreak was his best paying carnation. Frank Fillmore said Daybreak, Flora Hill, and Albertini. Wm. Trillow said Scott. Chas. Cannon, Daybreak and Triumph. The meeting then adjourned.

The Market.

Trade the past week has been very good indeed. The demand was large on account of several funerals and large quantities of flowers of all kinds were used. On Friday the florists had all they could do in connection with the funeral of Mr. McKee Hauser, of the Globe-Democrat. Never were there so many flowers used at one funeral as at this one. At one time there were ten florists' wagons standing in front of the residence.

This large demand made the market very scarce, as stuff was cut close. Since then very little stock has come in, hardly enough to go around, and prices have gone up a little. Violets are in great demand, and it's lucky that plenty of them are coming in. Quite a lot of orchids are seen in the florists' windows, especially C. Young & Sons Co., who are making a specialty of all varieties. They make a fine show.

Prices on stock the past week for choice roses were from \$4 to \$8 per 100; some extra fine stock went as high as \$10. Meteors, Maids and Brides are good in quality. Vesey's Fort Wayne stock is coming in fine. Perles and Woottons are \$4; Beauties, extra fine, very scarce and those in the market bring \$2.50 to \$3 per dozen. Carnations could not be finer than now; Scotts, Daybreak, Flora Hill, Eldorado and Jubilee are at their best and bring from \$1.50 to \$3; some extra fine Bradts and other fancy varieties bring \$4. California violets are still 40 cents; small singles, 20 cents, with the demand good. Callas and Harrisii are \$10 and \$12.50; Romans and paper whites, \$1.50 and \$2; valley, \$3 and \$4; freesia, \$1 to \$2; and smilax, \$12.50 and \$15.

Notes.

The funeral of our friend and fellow craftsman, John M. Jordan, took place Wednesday afternoon, Feb. 7, at 2 o'clock, from the family residence, 1812 Bacon street. The floral designs were large and beautiful. Members of Tuscan Lodge, A. F. & A. M., and Ascalon Commandery, Knights Templars, took charge of the funeral. Mr. Jordan was also a member of the Royal Arcanum and Legion of Honor. The following florists were present, some of whom were old employees: John W. Kunz, Frank Fillmore, Fred. C. Weber, J. J. Beneke, Albert Norton, Carew Sanders, Luther Armstrong, Chas. Cannon, J. F. Windt, Will Young and C. C. Sanders. The club sent a large flat bouquet of Harrisii lily and California violets. Religious services were conducted by Rev. H. Luccock of the Union M. E. church. The remains were interred in Bellefontaine cemetery.

Visitors in town the past week were Mr. B. Eschner, of M. Rice & Co., Philadelphia. Mr. E. is well pleased with his trip, using a new order book in each city.

Henry Johan, of Collinsville, Ill., was in town and reports that he has been sick for two weeks, but is O. K. now.

Dr. A. S. Halstedt and Wm. Trillow, of Belleville, were with us a day last week.

Plant Seed Co. and Schisler-Cornell Seed Co., who were burned out last Sunday a week, will resume business as soon as the insurance companies adjust their losses, which will be a little more than was first reported. Schisler-Cornell's loss will reach \$28,000 and the Plant Seed Co.'s will be about \$5,000. It is very unfortunate at this time of the year, as the season for their business is about to begin and it will take a month or six weeks to resume business as it should be. In the meantime the Jos. F. Dickman Seed Co., who are only a few blocks off, are taking care of the trade.

Hudson & Co. have opened a wholesale store at 1527 Pine street.

Bowling.

Five regulars rolled Monday night and rolled six games. Some fair scores were made. Fred Weber made the highest single score made on the new alleys by the club—211—making him high man for the night. John Young, one of the regulars, is sick and not able to attend, but no excuse came from the other members, Schray, Beyer and Fillmore.

President Kunz, who made 98 in the fifth game through worry of their non-attendance, has declared himself and says that he will have a full attendance on next Monday night if he has to send a carriage after them.

The scores were as follows:

	1	2	3	4	5	6	Av.
F. C. Weber	118	133	155	211	154	154	
C. A. Kuehn.....	146	133	154	136	179	133	147
J. J. Beneke.....	165	116	143	129	171	139	144
John Kunz	153	185	135	98	135	141	
C. C. Sanders.....	112	182	122	132	130	137	136

J. J. B.

PHILADELPHIA.

While the weather has not been as favorable as it might have been, business has been fairly good, considering. Big dinners and social events have been quite numerous.

Jos. Habermehl, of Second and Butler streets, has the honor of being the first to send in cinerarias; they are exceptionally fine and sell on sight at \$3 per dozen.

Chas. Cox, Sr., of Broad and Thompson streets, had the decorating of a number of dinners and teas the past week, which required a large amount of cut stuff.

Prices.

Beauties, \$1.20 to \$7.20 per dozen; Brides, Maids, Meteors, Golden Gates, \$3 to \$12; Kaiserins, \$3 to 10; Morgans, Perles \$3 to \$8; Gontiers, \$3 to \$5; carnations, ordinary, \$1.50 to \$2.50 per 100; fancies, \$2 to \$3; mignonette, \$2 to \$4; cattleyas, \$50; cypripediums, \$15; valley, \$2 to \$4; hyacinths, \$2 to \$4; narcissus, \$2 to \$4; sweet peas, \$1.50 to \$2.50 per 100; violets, single, 25 to 50 cents; doubles, 50 cents to \$1; tulips, \$2 to \$4; asparagus, \$50; adiantums, \$1; smilax, \$15.

Club Meeting.

The club meeting on Tuesday last was very well attended. Some new members were elected and some proposals received. "Begonias for Commercial Purposes" was the subject selected for the essay for the March meeting; it was assigned to Edwin Lonsdale. John May read a paper entitled, "What Has the Twentieth Century in Store for the Queen of Flowers?" Though he wandered some from the title, several good points were made.

Next in order was the discussion on roses, which was taken up by both the grower and retailer. As a consequence it was quite lively at times. John Burton started the discussion by asking why it was there were only four kinds of roses grown, Beauties, Brides, Maids

and Meteors? There being comparatively small demand for other good varieties, is it that the flower buyers only look for size and want as much as possible for their money in preference to artistic beauty in flowers? It was thought that some of the dealers would be able to account for this sort of thing and the decided change that has occurred in the tastes of the flower buyers. Robert Kift continued the discussion by saying that he could not exactly explain the matter, but he knew it was difficult to sell other varieties of roses. At times he has had other kinds, but his customers would simply pass them by. However, he thought that if the stores had good La France they would sell as readily as Brides-maid.

George Anderson being asked why he did not grow La France, replied that the dealers refused to pay a profitable price for them. He said that in former times the price asked was cheerfully given and no questions asked; under the present condition of affairs the grower has to accept what the dealer offers, and La France could not be produced to sell at the store prices. Mr. A. B. Cartledge is of the opinion that the stores could handle more varieties if they could only be procured, from the fact that early in the season Pennock Bros. were receiving some good Perles, which were all sold, but finally they were obliged to refuse orders because it was impossible to fill them. He felt that if the growers would give them more varieties the public could be induced to buy them.

Mr. May was the next to take up the subject. He felt he must differ from the former speaker and was of the opinion that the stores did not want a great variety, leaving only four varieties, so to speak. A great many of the stores only buy, say, 100 roses each morning, 25 of each variety, whereas when they carry four or five other varieties they must buy 25 of each. He has known dealers to turn customers away, saying there were no more varieties to be had, when there were other sorts on the market. With the grower it was the price obtained; he felt that the grower would be glad to grow more varieties, but he must have a living profit. Edwin Lonsdale substantiated Mr. May's views in the matter. Robert Craig thought it was due to lack of effort on the part of the retailer, as he thought that a greater variety could be used.

Benj. Durfee being asked as to the popularity of Golden Gate, said it was increasing in sales everywhere but around this city. He felt that the trouble was that the growers cut the flowers too soon. The blooms require to ripen more on the plant, and if cut as soon as the other varieties, cannot be grown successfully by anyone.

And so the discussion went on. It is evident the grower is willing to produce whatever he can get a living profit for. All who attended were quite

pleased with the meeting and feel very grateful to Mr. May for bringing up such an interesting subject.

From all accounts Philadelphia will be well represented at the carnation convention in Buffalo, as there is quite a delegation going.

Club Shoot.

The first of the series of inter-club shoots between Frankford and Florist Gun clubs was held Saturday, February 10, at Wissinoming. The conditions were: Nine men on a side, 25 targets per man, unknown angles. Squads of three men from each team, rapid fire system. The florists won by a score of seven targets.

FLORISTS.

Barrett ..	15
McKarahe ..	21
Park ..	17
Bell ..	21
Ball ..	18
Westcott ..	18
Parsons ..	23
Burton ..	20
Cartledge ..	23
Total ..	176

FRANKFORD.

Redifer ..	22
Ridge ..	22
Betson ..	21
Bourne ..	15
Butts ..	14
Johnson ..	18
Myers ..	19
Puff ..	17
Smith ..	21
Total ..	169

R.

POUGHKEEPSIE, N. Y.

The Dutchess County Horticultural Society held its annual meeting on February 7. The following officers were elected to serve for the ensuing year: F. R. Newbold, president; James Blair, vice-president; Charles Mitchell, treasurer, and W. G. Gomersall, secretary. It was decided to hold quarterly meetings and that the ladies and gentlemen who subscribed towards the annual shows be made honorary members of the society. It was decided to hold the chrysanthemum show in Poughkeepsie as usual next fall, and several valuable prizes are already offered. C. W. Ward, of the Cottage Gardens, offered a silver cup in the carnation class, and E. G. Asmus \$25 for a vase of "Liberty" roses.

In the evening the society's annual dinner was given in the Nelson House and a most enjoyable one it was, too. There were over fifty members and guests present. The arrangements were excellent. The guests were in the center of the room and the members were seated at small tables which formed a circle. The menu was fine and the New Yorkers never saw one served more pleasingly systematic. The decorations were arranged by Richard Grigg, with a magnificent vase of seedling carnations brought by Mr. C. W. Ward. They were grand in colors and extraordinary in size. Mr. Asmus sent a vase of Liberty roses; M. J. Lynch, roses and carnations; David Gindra, Begonia venusta and a variety of flowers; James Horrocks, roses. Samuel

Henshaw, Patrick O'Mara, Walter F. Sheridan, C. W. Ward, Charles B. Weathered, W. J. Stewart and J. I. Donlan attended from New York, and Messrs. Newbrand and McCord as representatives of the Tarrytown society.

Now, this gathering was more like a banquet of city notables; the mayor considered it an honor to be present, there were three ex-mayors, the county treasurer, the leading attorney, the president of the bank, editors of papers—in fact, most of the leading town and county officials. They were the principal speakers during the evening and all their talks ended in an apostrophe to Flora, particularly to her gem violet, for which that section of the county is famous. W. G. Gomersall welcomed the visitors and introduced the toastmaster, Richard Connell, who is editor of a local paper. Samuel Henshaw spoke on "Porto Rico," P. O'Mara for "New York," and C. W. Ward on "Carnations." Mayor I. W. Sherrill said he thought the best speech he could make on an occasion like this was to offer a prize of \$25 for the best 200 violets at the November exhibition. Free distribution of seeds by the government came in for lots of bantering wit and sarcasm; so did the glowing pictures and terms used in catalogues; but it was a great affair. Mr. Wm. Schickle made everyone feel at home and, what to us is most important of all, the future of the Dutchess County Horticultural Society, thanks to Walter Gomersall, looks very bright. D.

MILWAUKEE.

Otto Sylvester and Mr. Morgan came in from Oconomowoc Tuesday evening to practice on the Milwaukee alleys and to arrange for the match game between the Milwaukee and Oconomowoc florists Saturday evening.

The following scores were made:

					Av.
C. C. Pollworth	172	192	202	206	202
Nic. Zweifel	139	214	142	160	164
L. Morgan	165	199	158	139	188
Otto Sylvester	143	144	149	196	150
					156
					G. W.

PAWTUCKET, R. I.—Alex. Millar, manager of the Rhode Island Greenhouses, is a convert to the grafted rose system. He finds the crop is produced earlier and heavier and that it pays for the difference in cost. He says his store is bringing considerable business.

GENEVA, ILL.—Alfred Clark, a florist and gardener employed by W. P. Harvey, committed suicide Feb. 11th by taking Rough on Rats. He was an Englishman and had been in this country only a short time and came to Geneva from Philadelphia.

KNOXVILLE, TENN.—Chas. Crouch will soon begin the erection of two large new greenhouses.

DENVER, COLO.

The Florists of Denver had a very good time on February 9th, at a banquet given by the Denver Bowling Club in honor of Mr. J. N. Jacobsen who is to leave the West for a position in Philadelphia. About thirty florists were present, with Mr. Lewis as toastmaster. The menu, consisting of eight courses, was well gotten up and very much enjoyed. After-dinner speaking was freely indulged in and was a marked sign of the intelligence of our fellow men in the trade. Mr. Thomas Chapman made some spicy remarks alluding to the feast, the nervousness in speaking and topics in general. He was followed by Mr. Beers, of the Colfax Floral Co., on expansion. Mr. Emerich spoke on the Philippine question and soldier life, with recitations on what may befall a married soldier upon his return after being on the dead list.

F. A. Haenselman spoke on sympathy for English or Boers versus sympathy for people who need it as much right here at home, thereby referring to a recent tramway accident which befell Thomas Batten, a Denver florist, and cost him his leg and a big toe on the other foot. John Berry spoke on good fellowship and bowling clubs; C. J. Thiess on retail florists and queer customers. Mr. Bloy, who recently arrived from Buffalo, on florists' clubs and the benefits derived from them, and Mr. E. W. Davis on the same topic, referring to a way to revive the old club by combining the bowling club with a new organization of florists of Denver, with a view of forming a trust to realize better prices. Tickets for a raffle were sold for the benefit of Tom Batten and all florists are requested to send their spare money for his benefit. The hosts and their guests left in good spirits over their successful banquet. F. A. H.

Bowling Scores.

The following scores were made by the Denver Florists' Bowling Club on February 6:

	1st.	2nd.	3d.	Av.
Al. Mauff	212	207	177	199
John Berry	156	211	152	173
A. M. Lewis	172	136	199	169
Ed. Emerich	175	181	148	168
Chas. Thies	117	110	230	152
Chas. Franz	161	178	114	151
Geo. Zimmer	122	169	153	148
Chas. Mauff	174	144	114	144
A. A. Benson	112	150	107	123
Geo. Brenkert	125	114	128	122
John Ferriss	99	170	93	121
Dan. Leunday	124	130	102	106
Schultz	78	109	132	106
				G. A. Z.

WASHINGTON.

The Market.

On account of many large dinners during the past week prices have kept up to the standard. Dealers in general report a fine week of business. Good teas of all kinds brought 8 and 10 cents, while seconds brought 4 and 6 cents; carnations, 2 to 3 cents; tulips,

2 and 4 cents; narcissus and Romans, 2 to 3 cents; mignonette, 3 and 6 cents; asparagus, very scarce, 50 and 75 cents per string; smilax, 15 and 20 cents.

Notes.

Large quantities of flowers were used at the funeral of General Lawton. The church was elaborately decorated with palms and flags and a great many elaborate designs were brought from along the line from the different cities. The great mass of flowers and designs were brought from the church and were grouped and massed around the grave, which was lined with palms. Among these was a superb wreath of Brides, callas, valley, orchids and sago leaves sent by President and Mrs. McKinley. Ex-Secretary of War and Mrs. Alger sent a magnificent wreath of galax leaves, with valley and orchids tied with a broad purple satin ribbon. The Royal Legion also sent a magnificent wreath. The Indiana delegates in Congress sent a large shield in red and white carnations and blue cape flowers crossed with a white bar bearing the word "Indiana." The tribute of the members of the Philippine commission, Admiral Dewey, Jacob G. Schurman, Dean C. Worcester, Charles Denby and John R. McArthur, was an extra large wreath of green orchids, mignonette and maidenhair fern. The above design was very fine and tastefully arranged and deserves great credit to the makers. Mr. and Mrs. Addison Porter's offering was a large wreath of cape flowers resting on an easel inscribed in blue, with the words, "Duty Done, Rest Won." There were many more very handsome tributes too numerous to mention.

The firm of Gude Bros. are cutting some very handsome Beauties from their new houses. The firm of Shine & Davidson are about to open another stand in Center Market. Mr. Crawford, for ten years manager for the American Rose Company's F street store, has given up his position to open a store on corner of Ninth street and Grant place. F. H. KRAMER.

TROUBLES OF A SEED FIRM.

Several former employes of the Albert Dickinson Seed Co., Chicago, are under arrest charged with the theft of a large amount of postage stamps, and also with giving out inside information as to the firm's movements in the market to their competitors, which resulted in the failure of several flaxseed deals to show a profit.

PADUCAH, KY.—The greenhouses of C. L. Brunson & Co. were badly damaged by fire Jan. 31. Loss estimated at \$3,000, with insurance of \$1,000.

GREENSBURG, PA.—Henry Bray, the florist, died Feb. 4 of heart disease. He leaves a widow and four children.

SAN FRANCISCO.

Trade has been very good this week. Several large funerals took place, among them the funeral of Mrs. Alice Phelan, mother of our mayor. Six wagon loads of floral pieces were sent by the various stores. As a consequence there has been a shortage of stock all through the line and a slight increase in prices. Beauties, \$3.50 to \$5; Brides and Maids, 75 cents to \$1.50; Perles, 50 to 75 cents; Meteors, 50 cents to \$1; Brunners, 12½ cents per dozen. Carnations, Hannah Hobart, \$1.25; Ethel Crocker, 75 cents; mixed fancy, 50 to 75 cents; Flora Hill, 50 cents; Scott, 25 to 30 cents; Portia, 25 cents; chrysanthemums, 25 to 50 cents; daffodils, 20 to 25 cents; valley, 50 cents; double fancy hyacinth, 50 cents per dozen. Violets, Californias, 50 to 75 cents; Princess of Wales, 75 cents to \$1; Duchess of Marlborough, \$1.50. Smilax, 5 cents; asparagus, 10 to 25 cents; Maidenhair ferns, \$1 per 100 fronds; freesias, \$1; paper whites, 50 to 75 cents.

Fruit blossoms made their first appearance in market this week. Among them were almond, peach, currant and quince. They are bought up quickly.

E. W. McLellan is around once more with the support of crutches. Mr. McLellan has a fine lot of Kaiserins and Testouts that will soon be seen in market.

Shannahan, on Powell street, has for two years or more made a specialty of carnation Lewis Bradbury, a brilliant carmine red, with smooth, silky, rounded petals, a color much admired by everyone. Mr. Shannahan makes a fine display of this grand carnation in his window, always having a vase filled with two hundred or more blooms each day; it is one of Siever's seedlings. I. N.

ORANGE, N. J.

At the meeting of the New Jersey Floricultural Society February 7, Mr. John N. May, of Summit, read a paper entitled, "Horticultural Reminiscences." His remarks were both historical as relating to some of the old time favorites among flowers, and biographical as relating to many of the craft who have passed away, concluding with an eulogy to the late Wm. MacMillan.

Mr. May drew a comparison between the methods of his early home on the other side of the water and here, the land of his adoption, in the choice of plants for the decoration of country homes, and the tasteful grouping so prevalent there and so painfully lacking here, particularly in rhododendrons and kalmias. The speaker received the usual vote of thanks.

Resolutions were passed providing for a prize for the forthcoming exhibition of the American Rose Society and appropriate representation at the exhibition of the S. A. F. next August.

J. B. D.

Novelties for 1900...

DO NOT OVERLOOK THE FACT

THAT WE ARE OFFERING THE BEST

NEW CARNATIONS,

All the New Chrysanthemums,A select list of New Cannas andThe cream of the New Geraniums.

Will be pleased to quote lowest cash price on above Novelties.

Catalogue free on application.

NATHAN SMITH & SON, = Adrian, Mich.

Mention The Review when you write.

K. J. KUYK, Ghent,
PLANTS.

K. J. KUYK, Hillegom,
BULBS.

I beg to announce that my representatives,

Mr. H. Y. Goemans and Mr. H. P. Hugenholtz,

have started on their annual trip to the United States and Canada to solicit orders from importers of PALMS, AZALEAS, ARAUCARIAS, SWEET BAYS, FICUS, etc., and HOLLAND BULBS. The address of my representatives will be up to May 15th, care of Mr.

J. TER KUILE, 33 Broadway, NEW YORK CITY.

A splendid stock for Spring and Fall delivery is on hand.

Mention The Review when you write.

EVERY FLORIST NEEDS THESE STANDARD BOOKS...

Commercial Violet Culture. By Prof. B. T. GALLOWAY, U. S. Dept. of Agriculture. This work is thoroughly practical and fully discusses the subject in a clear and comprehensive way. It has received the highest commendation from specialists and from the Horticultural Press. Illustrated with over 60 plates. 224 pages. Price postpaid, \$1.50.

The Water Garden. By WM. TRICKER, the standard authority of America on Aquatic Plants. The cultivation of Water Lilies, etc., is becoming more popular every year, and every florist should be in a position to extend his business in this line. This book is very exhaustive, is magnificently illustrated and printed. Price postpaid, \$2.00.

Residential Sites and Environments. By JOSEPH FORSYTH JOHNSON. The knowledge to be gained from this book is of the greatest importance to florists, particularly where it relates to the laying out of grounds about country homes, both large and small. The author is a practical man and the contents of the book may be understood. Illustrated by over 50 plans and diagrams. Price postpaid, \$2.50.

House Plants and How to Succeed With Them. By M. L. HILLHOUSE. This book is written for amateurs, but florists can use it very profitably among their retail customers. It should be on sale in every establishment. Write for trade discount. Retail price postpaid, paper 50 cents; cloth \$1.00.

Best Methods of Heating Greenhouses. A collection of thirteen essays. Each illustrated by diagrams. Price postpaid, 10 cents.

All five of the above sent prepaid for \$6.25.

Send for new catalogue of books for Florists, Nurserymen and Seedsmen.

Address THE FLORISTS' EXCHANGE, 2 to 8 Duane St., New York.

Mention The Review when you write.

CHAMPAIGN, ILL.—John Porte, landscape gardener for the Illinois Central Railroad Co., was here recently and selected the site for the new greenhouses to be erected here.

EVERY FLORIST OUGHT TO INSURE HIS GLASS AGAINST **HAIL** FOR PARTICULARS ADDRESS JOHN G. ESLER, Sec'y, SADDLE RIVER, N. J.

Wheat Sheaves

ITALIAN WHEAT in the United States, and all this wheat is made up into Sheaves, of which we "excel" as to QUALITY, QUANTITY and SHAPE. PURE WHITE WHEAT IS ONLY USED. Send trial order, you will then be our customer.

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NORWAY MAPLES

1000, 8 to 10 feet.
500, 6 to 7 "
100, 1 to 2 "

IRISH JUNIPERS

500, 3 to 4 feet. 500, 2½ to 3 feet.
500, 2 to 3 feet.

10,000 PEACH TREES,

General assortment.

This stock will be sold at very low prices in order to close out.

C. L. LONGSDORF,

OAK HILL NURSERIES,

Flora Dale, Adams Co., Pa.

Mention The Review when you write.

1st Prize PERLES.

Place your orders now for Perle Rose Cuttings and Plants. Remember, they are from The Perle King of St. Louis and from prize-winning stock only. Rooted Cuttings.... per 100, \$1.75; per 1000, \$15.00. Two-inch pot plants, " 8.00; " 25.00. Cash or satisfactory reference.

J. F. AMMANN, - EDWARDSVILLE, ILL.

Mention The Review when you write.

ROSES. To Clean Out, for Room

\$3.00 per 100; \$25.00 per 1000.

Bride, Bridesmaid, C. Soupert, Etoile de Lyon, Climbing Meteor, Papa Gontier.

GERANIUMS—John Doyle and Heteranthe, \$1.00 per 100. Cash with order, please.

JOSEPH LAHR & SONS, Springfield, Ohio.

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E. G. Hill & Co.

Wholesale Florists,

RICHMOND, INDIANA.

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PANSIES... WORTH RAISING

Good Plants by express, \$2.50 per 500; \$4.00 per 1000. Seed as usual.

G. SOLTAU & CO., 199 Grant Avenue, JERSEY CITY, N. J.

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DREER'S SPECIAL OFFER OF Plants of Recent Introduction

Ageratum Stella Gurney. The best dwarf blue Ageratum yet introduced. Habit perfect color deep and very free. \$1.25 per doz.; \$8.00 per 100.

Anemone Queen Charlotte. Flowers four inches across, of a soft, pleasing La France pink, semi-double, commences to bloom four weeks ahead of all other varieties. \$1.25 per doz.; \$10.00 per 100.

Begonia Duke Zeppelin. A sun-proof double scarlet variety; one of the best bedding varieties. 20 cents each; \$2.00 per doz.; \$15.00 per 100.

Begonia New Frilled. These are perfection in tuberous rooted Begonias. Flowers from four to five inches across, with wavy petals which are frilled on the edges like a fine petunia. 25 cts. each; \$2.50 per doz.; \$20.00 per 100.

Caladium Albanense. Differs from all other fancy Caladiums. Leaves thick and heavy, spear shaped, and handsomely marked with red, green and creamy yellow, radiating from the center of leaf. 35 cts. each; \$4.00 per doz.

Crocasmia Aurea Imperialis. A summer flowering bulb of recent introduction, with orange colored star shaped flowers, 3 inches across. 30 cts. each; \$3.00 per doz.

Dahlia Storm King. The finest white show Dahlia yet introduced. Grand for cutting. 25 cts. each; \$2.50 per doz.; \$20.00 per 100.

Deutzia Lemoinei. A grand improvement upon D. Gracilis, being fully three times as large, with the trusses of bloom more erect than in the original type. Strong one year old plants, \$1.25 per doz.; \$10.00 per 100.

Dracena Godseffiana. We offer a fine lot of this grand spotted Dracena. 2-in. pots, 25 cts. each; \$2.00 per doz.; \$15.00 per 100. 3-in. pots, 35 cts. each; \$3.50 per doz.; \$25.00 per 100.

Humulus Lupulus Aureus. A golden leaved variety of the ordinary Hop Vine, a grand addition to our list of hardy climbers. 20 cts. each; \$2.00 per doz.; \$15.00 per 100.

Incavillea Delavayi. A grand new hardy perennial, with large rose colored trumpet shaped flowers; one of the choicest hardy plants of recent introduction. 50 cents each; \$5.00 per doz.

Tritoma Pittzeri. A grand improvement on the old Tritoma Uvaria Grandiflora, with rich colored flowers of gigantic size. \$1.50 per doz.; \$10.00 per doz.

Watsonia Ardernei. A Gladiolus-like plant, producing large pure white flowers during the summer months. 50 cts each; \$5.00 per doz.

Weigelia Eva Rathke. A rich purplish red variety; the finest and brightest Weigelia in cultivation. Extra heavy two-year-old plants, 35 cts. each; \$3.50 per doz.

Henry A. Dreer, 714 Chestnut St., Philadelphia, Pa.

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—SPECIALTIES—

Onion Seed
Lettuce
Celery
Carrot
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Sweet Peas
Cosmos
Hollyhock
Verbena
Asters
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Lima Beans
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etc.

ALL CALIFORNIA GROWN. WHOLESALE ONLY.
SACRAMENTO CALIFORNIA

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Have a longer experience in making PREPARED PALMS than any other firm in the U. S. We make them, too, where labor, space and material are cheapest. We have the pick of the finest material growing in abundance at our very doors at ORLANDO, Florida.

Lowest Prices to Florists.

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NEW PINK CHRYSANTHEMUM MISS FLORENCE E. DENZER

Certificated by the C. S. A.

The latest Mum. Blooms for Christmas. See cut in Florists' Review of Dec. 21, 1899.

Rooted Cuttings, \$8.00 per 100; from 2¼-in. pots, \$10.00 per 100; and thirty other leading varieties rooted cuttings, \$9.00 per 1000; from 2¼-inch pots, \$15.00 per 1000.

Ready March 20th, 1900.

Cash with order, please.

ANTON C. ZVOLANEK,
WEST HOBOKEN, N. J.

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For Spring Planting. The Reliable new EVER BEARING PEACH, also the ELBERTA and other choice varieties. JAPAN PLUMS, all the most approved sorts. Select assortment small fruits. Prices for above very reasonable. Address

MILFORD NURSERIES, - Milford, Del.

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SAMUEL S. PENNOCK. Wholesale Florist

{ Until further notice, will be open from }
6:00 a. m., to 11.00 p. m. }

American Beauties and Valley Our Specialties. 1612-14-16-18 Ludlow St., Philadelphia, Pa.
Mention The Review when you write.

HYDROCYANIC ACID GAS.

A reader reports some unpleasant results from the use of this gas. He tried it first for curl leaf in violets, with very satisfactory effect. Then he used it in general plant houses, and is very sorry he did. Carnations were badly injured, so were geraniums, asparagus, ageratums, orchids and roses. Curiously enough, adiantum ferns were not affected; neither were heliotrope and several other supposedly tender plants, and, as evidence that the gas was not used too strong, he states that he found live sow bugs and red spider in the house the next day.

Evidently there is still much to learn about this gas as an insecticide, and it should be experimented with most cautiously. The fact that it is so deadly to human as well as insect life has deterred us from recommending its use to our readers. And now that we receive the above report, we are more than ever inclined to urge florists to let it alone. The gas is death to anyone who inhales it for only a moment, and ever since it has been recommended as an insecticide we have lived in fear of receiving a report that some experimenter had put himself in a position to receive an obituary notice.

THEY LIKE THE REVIEW.

The best paper for the trade.

JOHN J. KELLEY.
Valley Falls, R. I.

I am so well pleased with the Review that I feel we cannot get along without it. I wish you the best of success, which you thoroughly deserve.
Sedalia, Mo. JAS. GELVEN.

THE FLORISTS' MANUAL.

We have gotten much valuable instruction from the Florists' Manual and prize it highly.
Franklin, Tenn. TRUETT BROS.

The Florists' Manual is a gem. No florist can afford to be without it.
Madison, N. J. A. J. BAUR.

WILKESBARRE, PA.—Geo. Fancourt will this spring erect four more new rose houses.



SEMPLES ASTER...

Choicest home grown seed. 1/4 oz. 25c; oz. \$1.00. In white, shell pink and lavender. Catalogue of all Flower and Vegetable Seeds for Florists and Market Gardeners, sent on application.

W. C. BECKERT,
Seedsman, Allegheny, Pa.

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PITTSBURG CUT FLOWER CO., Ltd. WHOLESALE FLORISTS.

Long Distance
Phone 2167.

CONSIGNMENTS SOLICITED.

No. 504 Liberty St.,

FLORISTS' SUPPLIES.

Write for Price List.

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Asparagus Plumosus

Cut Strings
8 feet long.
50c per string.

Nanus

Shipped
to any part
of the country.

W. H. ELLIOTT,
BRIGHTON, MASS.

Mention The Review when you write.



100,000
PLANTS
Ready.

	Per 100
Clara Bedman Salvia.....	\$2.00
Geranium De Roo Mitting.....	7.00
Geranium Double Snow Drop ..	7.00
Geranium Mme. Salleri.....	2.00
New Yellow Baby Primrose.....	7.00
22 Coleus, fine, named, new.....	4.00
20 Standard Coleus, named.....	1.50
30 Double Petunias, mixed.....	2.00
Primula Obconica, 3 1/4-inch.....	2.50
Primula Obconica, 2 1/4-inch.....	2.00
Primula, Chinese, 2 1/4-inch.....	1.00
Primula Chinese, in bud and bloom, 3 1/2-in.	2.50
Primula, from flats, strong.....	.50
Velvet Plant.....	2.00
15 Begonias, flowering, named, 2 1/4-inch.....	1.50
Forget-Me-Not, winter flowering, 2 1/4-inch ..	1.50
Iresines, 2 varieties, red and yellow, 2 1/4-inch.	1.50
Cannas, large flowering, mixed.....	1.00
Mesembryanthemum Erectum, 2 1/4-inch.....	1.50
California Moss.....	1.50
Lycopodium Dent.....	1.50
Alternanthera, 4 varieties.....	1.50
Feverfew, Little Gem.....	1.50
Feverfew, yellow foliage.....	1.50
Dusty Miller.....	1.50
Cigar Plant.....	1.50
Vinca, variegated, trailing.....	2.00
Ferns, mixed, our selection, 2 1/4-inch.....	5.00
Lobelia, Crystal Palace Gem.....	1.50
Five plants at 100 rates. All our Plants are in A1 condition.	

THE MORRIS FLORAL CO., MORRIS, ILL.

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A LIMITED QUANTITY OF SEEDS For SPRING SOWING.

Separate colors Semple's Asters, crimson, lavender, pink, purple, white. Betteridges prize quilled mixed, at \$1 per ounce. Giant Branching Comet, rose pink, white, white stripe pink, \$2 per ounce. Silver Tip, blue and pink, per trade packet, 25c. Mignonette, Allen's Defiance, 50c per ounce. Golden Machet, 25c per ounce. Pure Machet, 25c per ounce.

AMERICAN ROSE CO., - - Washington, D. C.

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GIVE US
A
TRIAL.
WE CAN
PLEASE
YOU.

Roses,
Carnations
and all
kinds of
Seasonable
Flowers
in stock.



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481 Washington St., BUFFALO, N. Y.
Also Dealer in Florists' Supplies and Wire
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JOHN B. FERGUSON, Wholesale Florist,

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A Handsome New Catalogue, for promoting out-of-town trade, or for Agents' use, entitled FLOWERS AND FLORAL DESIGNS.

It shows 41 arrangements, finely illustrated, with retail prices. Supplied in quantity at low rates. Single copy 40c in stamps. Circulars free.

DAN'L B. LONG, Publisher, BUFFALO.

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Cut Flower Exchange,

404 - 412 East 34th St., New York,

NEAR THE FERRY.

Open Every Morning at 8 o'clock for the sale of CUT FLOWERS.

Wall space for Advertising purposes to Rent.

J. DONALDSON, SECRETARY.

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GOLD FISH and AQUARIUM SUPPLIES.

KEENAN'S
SEED
STORE.

6112 and 6114
Wentworth Avenue,
CHICAGO

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MAKE YOUR AD. ADVERTISE



AN EFFECTIVE DESIGN WITH A FEW STRONG WORDS OF ARGUMENT WILL DO IT.



TELL US WHAT YOU WANT TO SAY-WE DO THE REST.

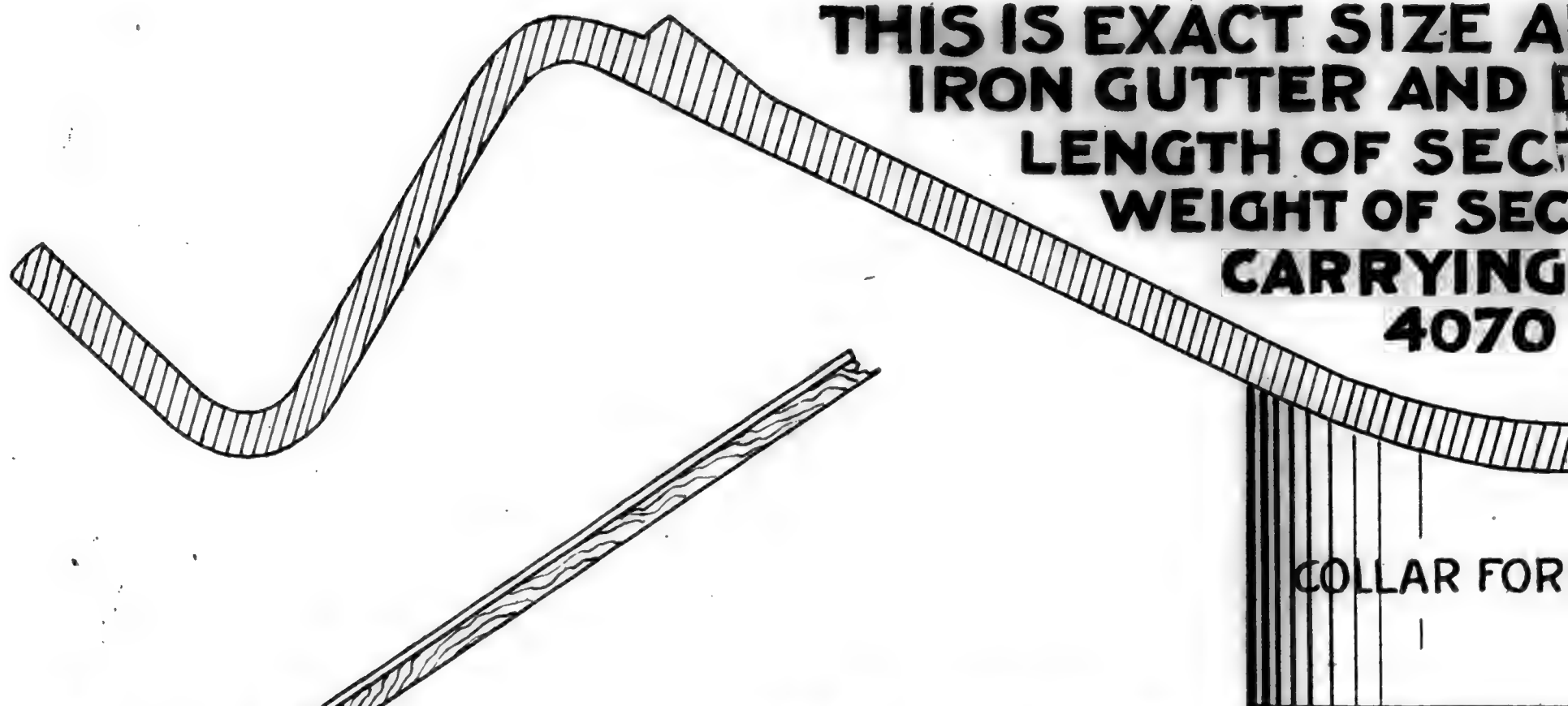
WE ARE
ILLUSTRATORS
AND
ENGRAVERS
HALF TONE ZINC ETCHING
WOOD & WAX ENGRAVINGS

ILLINOIS ENGRAVING COMPANY

346-356 DEARBORN ST. CHICAGO.

GARLAND'S IRON

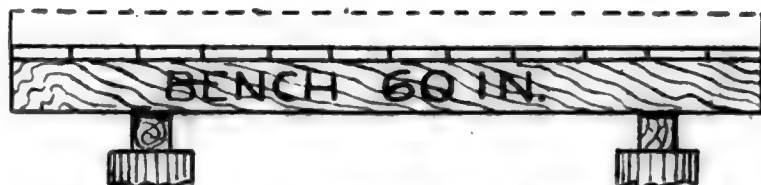
**THIS IS EXACT SIZE AND
IRON GUTTER AND
LENGTH OF SECTION
WEIGHT OF SECTION
CARRYING
4070**



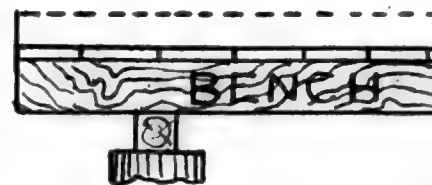
**THIS GUTTER WILL SAVE
STRUCTURE AS WELL AS IN**

GEO. M. GARLAND DESPLAIN

WALK
20 IN.



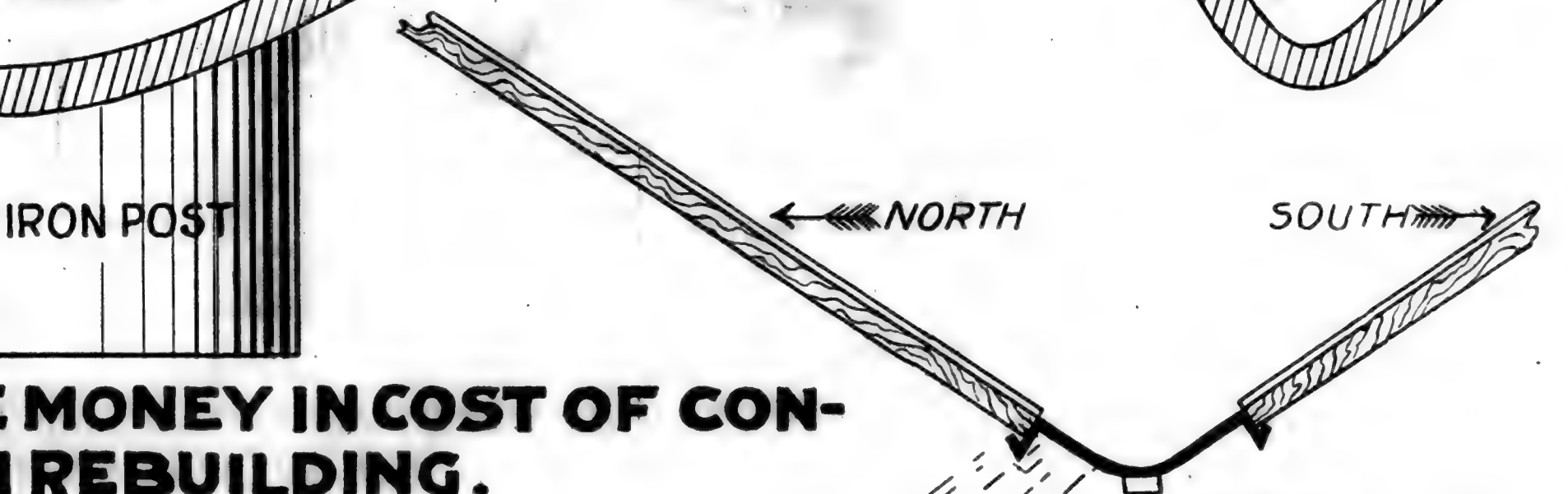
WALK
20 IN.



This illustrates a 20-ft. house containing three-fourths bench space. Ordinarily 15 ft. of 20-ft. house, thereby saving 2

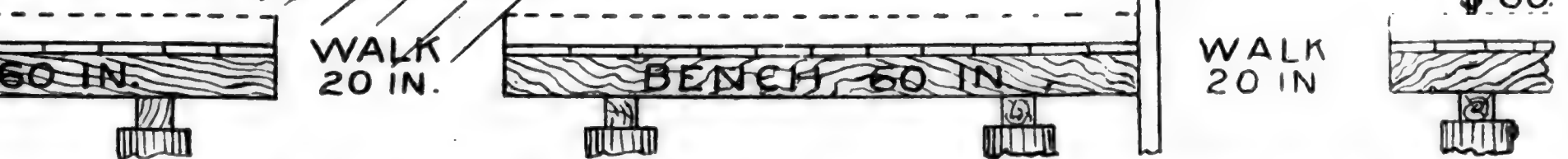
GUTTER

ND SHAPE OF CAST
DRIP CONDUCTOR.
TION 5 FEET.
TION 65LBS.
CAPACITY
LBS.



MONEY IN COST OF CON-
REBUILDING.

RLAND, ES, ILL.



bench requires a 22-ft. house. Note that 15 ft. of bench space is provided for in above
ft. of construction, or \$100.00.

SAVING BY 2 FT LESS
CONSTRUCTION. \$100.
COST OF IRON
GUTTER..... \$60.
COST OF WOOD
GUTTER..... 20.
\$40
SAVING BY USING
IRON GUTTER..... 40.
\$60.

PITTSBURG.

Springlike weather, frost, then rain, has been the order the past week. Thursday it was 70 in the shade, the ventilators were thrown wide open and plants seemed to enjoy it; next morning the ground was frozen a little and the thermometer down to 30.

Von Slons and roses are coming in more freely and carnations are not at all scarce. It seems queer that we cannot get more than 3, seldom 4 cents for fancy carnations, such as White Cloud, Flora Hill, America, Victor, Joost and Bradt outside of holidays. Here in Pittsburgh the retailers want something better than the Greeks handle, but do not want to put up the price, so the grower still finds Scott the best paying one for pink and Mrs. Fisher in white.

If it was not for the pleasure the grower finds in fine large blooms he would not feel like spending money every year for new varieties.

One of our florists is advertising, in the street cars, \$1.50 boxes of cut flowers for \$1.00.

Visitors in town: Ringier from Chicago, Gasser from Cleveland.

BAER.

CINCINNATI.

Trade has been unusually brisk the past week, owing to several large social events and the funeral of the late Hon. Senator Goebel.

The monthly show of February 10, with roses as a special feature, was not largely represented, owing to the scarcity of roses. Mr. E. Asmus, of Hoboken, N. J., sent a vase of the celebrated "Liberty" and everybody was delighted with it. The flower, shape and color are what have been represented and, judging from present indications, this rose will have a grand future.

George & Allen made the best display in roses; their Maids and Brides were excellent; they also carried first on Meteor, Beauties, tulips and daffodils. Corbett & Wilson, of College Hill, were the only exhibitors in violets, Princess of Wales and Marie Louise. Stuart & Haugh, of Anderson, Ind., showed a vase of carnations, a sport of Armazindy, named Avondale; the blooms were identical with that of the parent; color shell pink and stem strong and stiff.

Quite a delegation of visiting florists were with us at the meeting. J. Schultz, C. K. Kunzman and J. Coenen, of Louisville; J. Evans and Ch. Nops, of Richmond; Walter Bertermann, Indianapolis.

In the evening the boys were treated to a little sport at the Highland bowling alleys and had a jolly good time. I am sorry to say that but a few will avail themselves of the opportunity of going to Buffalo. R. Witterstaetter, W. Sunderbruch and W. Murphy are going, and perhaps one or two more.

B.

"TRUE FACTS"

WE HAVE THEM. ALSO ANYTHING IN THE LINE OF CHOICE CUT FLOWERS THAT IS TO BE PROCURED.

"The proof of the pudding is in the eating." A trial order will prove our assertion.

E. C. AMLING,

Wholesale Cut Flowers.

32-34-36 Randolph St., CHICAGO, ILL.

WALTER S. HEFFRON, Mgr.

Mention The Review when you write.

...SPECIAL...
Rooted Cuttings.

Choicest Varieties. Lowest Prices. Finest Stock.

50,000 Carnations, standards, \$7.50 per 1000. Descriptive list, 25 choicest up-to-date varieties.

50,000 Roses, standards, \$12.50 per 1000.

50,000 Verbenas, 20th Century collection. 32 Grand Mammoth varieties, the cream of all the latest and choicest up-to-date, 60c per 100, \$5.00 per 1000. Strong, 2-in., \$2.00 per 100, \$18.00 per 1000; full of Cuttings, elegant stuff.

50,000 Dble. Fringed Petunias, Henderson's and Dreer's latest sorts. We all know that they lead the world. \$1.00 per 100, \$8.00 per 1000. Strong, 2-in., \$2.00 per 100, \$18.00 per 1000.

Geraniums, 5000 2½-inch Paul Bruant, the best scarlet, \$3.00 per 100. New Giant California White Marguerite and New Golden, both sell at sight, \$1.00 per 100. Strong, 2½-inch, \$2.50 per 100.

Ageratum, Princess Pauline, the only one to grow, \$1.00 per 100. Extra strong, 2½-inch, full of Cuttings, \$2.50 per 100.

Salvia Splendens, no other so good, \$1.00 per 100. Extra strong, 2½-inch, \$2.50 per 100.

Fuchsias, best sorts, \$1.50 per 100. Vinca Major, \$1.00 per 100.

Smilax, strong seedlings, 50c per 100, \$4.00 per 1000, prepaid, by mail.

500 Cinerarias, 2½-inch, \$2.00 per 100.

Lobelia, (trailing) indispensable for baskets, etc., strong, 2-inch, \$2.00; strong rooted cuttings, \$1.00 per 100.

Our wholesale descriptive list of Specialties mailed on application. Cash must accompany all orders. Small packages by mail.

SOUTH SIDE FLORAL CO., - Springfield, Ill.

Mention The Review when you write.

Cabbage Plants, Jersey Wakefield and other varieties, from cold frame transplanted, 25c per 100; \$1.50 per 1000; \$12.50 per 10,000, if by mail, add 20c per 100.

LETTUCE, Boston Market, Tennis Ball, Curled Simpson, Grand Rapids and other varieties, 15c per 100; \$1.00 per 1000; \$8.50 per 10,000, if by mail, add 10c per 100.

TOMATO, small plants for transplanting, in several varieties, 15 cts. per 100; \$1.00 per 1000.

PEPPER, small plants for transplanting, in several varieties, 25 cts. per 100; \$2.00 per 1000, if by mail, add 10 cts. per 100.

EGG PLANTS, New York Improved, for transplanting, 25c per 100; \$2.00 per 1000.

CELERY, White Plume and Golden Self-Blanching, 15c per 100; \$1.00 per 1000.

Other Vegetable plants in season. Cash with order.

R. Vincent, Jr. & Son, White Marsh, Maryland.

VICK'S SEEDS For FLORISTS

ALL HOME-GROWN SEEDS.

ASTER:

¼-oz. 1-oz.

Vick's Daybreak, pink\$1.50 \$4.00

" Purity, white 2.00 6.00

Branching Comet, white..... 2.50 8.00

Vick's Branching, in colors, white, pink, crimson and purple, each..... .25 .75

Trade list, also Garden and Floral Guide now ready. Send for it.

James Vick's Sons, Rochester, N. Y.

Mention The Review when you write.

XXX SEEDS

VERBENA GRANDIFLORA. The finest strain of Improved Giant Verbenas yet produced, largest flowers and best colors, good percentage of white, per pkt., 800 seeds, mixed colors, 50 cts.

CYCLOPS GIGANTEUM. The choicest Giant-flowering varieties in best mixture, pkt., 200 seeds, \$1.00; half pkt., 50 cents.

CHINESE PRIMROSE. Best large single and double fringed, 500 seeds, \$1.00

PHLOX DRUM FUMILA. New, very dwarf, perfect beauties, excellent for growing in pots for Spring sales, mixed colors, trade pkt. 20c.

A pkt. of New Double Early-flowering Dwarf Vienna Carnation added to every order.

JOHN F. RUPP, Shiremanstown, Pa.

The Home of Primroses.

Mention The Review when you write.

XX SHEEP MANURE

I have now on hand the cleanest and purest Sheep Manure that can be bought in the market. For reference I refer you to Henry F. Michell, 1018 Market St., Philadelphia, Pa.

Also a large quantity of Hard Wood Ashes for sale by the bbl., ton or car load. Send for samples and price list.

J. L. ELLIOTT,

645 Canal Street, Bethlehem, Pa.






Mention The Review when you write.

GALAX LEAVES.

Chas. H. Ricksecker, Linville, N. C.

Mention The Review when you write.

SPECIMEN PALMS

I have to offer in assorted sizes some unusually perfect and symmetrical plants of     

Areca Lutescens



THESE PLANTS are extra fine and are not only perfect in form but are well hardened so they will stand well when used for decoration. I offer them with the fullest confidence that they will give perfect satisfaction in every particular and prove a paying investment for anyone having use for fine specimens.

I offer the choice of this stock at the following prices:

15-inch pots,	7. to 8 feet high, very bushy,	\$25.00
14 "	6 to 7 " "	20.00
12 "	bushy, 6 feet high,	\$10 to 15.00
9 "	" 5 " -	5.00

Packing will be carefully done by experienced hands and plants ordered will be promptly forwarded by either express or freight as may be preferred.

JOSEPH HEACOCK,

WYNCOTE, PA.

Mention
The Review
when you
write.

E. H. HUNT

THE "OLD RELIABLE" FOR

**Wholesale
Cut Flowers**

Hunt's Flowers Go Everywhere.

76 Wabash Ave. CHICAGO.

Mention The Review when you write.

LOUISVILLE, KY.

The meeting of the Kentucky Society of Florists was held at Music Hall, Feb. 7th, at 8 p. m., with President C. F. Wood in the chair, and a good many members present. A good deal of business was transacted and two new carnations were shown. Olympia was seen in fine form and was highly praised. Mrs. Thomas Lawson was also exhibited but the flowers were in poor shape and not in condition to be commented upon.

Business has improved a little the past week, especially the cut flower end of it, but roses and carnations are scarce. Romans are plentiful.

We had a touch of bad winter weather again, the thermometer dropping as low as 6 above zero.

Wood & Stubbs, the seedsmen, report a very good trade, far ahead of last year, especially in onion sets.

A. Heitz will the coming summer build several houses at his new place, just opposite St. Louis cemetery. His carnations are very fine.

Jos. Coenen & Co.'s place is in fine shape. Their carnations, roses and azaleas are extra fine. Jno. Bohrmann always gets there in time.

Henry Fuchs is the happiest man in town over the arrival of a boy at his home.

Wm. Mann reports trade good and lots of funeral work. His carnations are fine, especially Rose Queen and Frances Joost.

Mrs. Laura Rudy, wife of T. B. Rudy, has been very ill with la grippe, but we are glad to say is now much better.

Jacob Schulz has a promising lot of carnation seedlings that will be heard from later.

C. H. Kunzman is cutting some of the finest Triumphs ever seen here.
H. LICHTFELD.

BENTHEY & CO.

F. F. BENTHEY, Mgr.

WHOLESALE AND COMMISSION Florists. Consignments Solicited.**41 Randolph St. CHICAGO.**

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**McKELLAR & WINTERSON'S
Modern Supply House**

is the place to buy your CUT FLOWERS, SUPPLIES, SEEDS, BULBS, ETC., ETC.

We are strictly headquarters in the Western States for MASSACHUSETTS FANCY FERNS,

Present prices: Per M, \$1.25; per 5 M lots, \$5.00.

Now Ready.....CARNATION CUTTINGS, VIOLET PLANTS, FORCING ROSES, YOUNG STOCK OF ALL KINDS.

All stock at lowest possible prices. Write for new catalogue.

McKELLAR & WINTERSON, 45-47-49 WABASH AVE., CHICAGO.

Mention The Review when you write.

Bassett & Washburn

76 Wabash Ave., CHICAGO, ILL.

Wholesale Growers of and Dealers in CUT FLOWERS

Greenhouses at Hinsdale, Ill.

Mention The Review when you write.

PETER REINBERG,**Wholesale Grower of CUT FLOWERS.**

300,000 feet of Glass.

Headquarters for fine AMERICAN BEAUTIES.

51 Wabash Avenue, CHICAGO.

Mention The Review when you write.

A. L. RANDALL

Telephone 1496

**Wholesale Florist,**

4 Washington St., Chicago.

In our new and enlarged quarters we are better prepared than ever to handle your orders.

Mention The Review when you write.

WHOLESALE GROWER OF ROSES. DEALER IN CUT FLOWERS.**J. A. BUDLONG,****37-39 Randolph St., CHICAGO, ILL.**

Mention The Review when you write.

Maplewood Cut Flower and Plant Co. GEO. M. KELLOGG, Pres.

Growers of CUT FLOWERS at Wholesale

Regular shipping orders given special attention. We have the largest plant west of Chicago.

Store: 906 Grand Ave., KANSAS CITY, MO.
Greenhouses; Pleasant Hill, Mo.

Mention The Review when you write.

WIETOR BROS.**Wholesale Growers of Cut Flowers.**

All telegraph and telephone orders given prompt attention.

51 Wabash Avenue, CHICAGO.

Mention The Review when you write.

C. A. KUEHN WHOLESALE FLORIST

Cut Flowers and Florists' Supplies.

Manufacturer of the Patent Wire Clamp Flora Designs. A full line of supplies always on hand. Write for catalogue and prices.

1122 PINE STREET, ST. LOUIS, MO.

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**H. Berning****WHOLESALE FLORIST,****1322 Pine Street, ST. LOUIS, MO.**

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ELLISON & TESSON, WHOLESALE SHIPPING**FLORISTS****3134 Olive Street, ST. LOUIS, MO.**

...Home Grown Stock...

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Cincinnati Cut Flower Co.

W. A. MANN, FRANK W. BALL.

416 Walnut St. CINCINNATI, O. Wholesale Florists

Consignments Solicited.
Special Attention Given to Shipping Orders

Mention The Review when you write.

Mention The Review when you write.

Carnation Cuttings!

ALL THE UP-TO-DATE SORTS.

Agents for F. Dorner & Sons Co.

....Cerise Queen, PINK, \$2.50 per 100,
\$20.00 per 1000.

KENNICOTT BROS. CO.

42 and 44 E. Randolph St.

CHICAGO.

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ESTABLISHED 1802

THORBURN'S SEEDS

Our Wholesale Price List of
Choice Flower Seeds for Florists

is now ready. A post-card
will bring it to you.

We have still on hand some of our
LILY OF THE VALLEY PIPS,
The Finest that come to this Country.
Per 1000, \$10.00. Cases of 8000 at \$9.00 per 1000

J.M.THORBURN & CO.

(Late of 15 John Street)

36 CORTLANDT STREET, NEW YORK

Mention The Review when you write.

300,000 VERBENAS....

60 finest named varieties, including our
new mammoth white, Mrs. McKinley,
the finest white Verbena grown.

PERFECTLY HEALTHY. FREE FROM RUST.

Rooted Cuttings 6 c per 100, \$5.00 per 1000.

Plants \$2.50 per 100, \$20.00 per 1000.

Our list is the choice from millions of seedlings.
Send for list. J. L. DILLON, Bloomsburg, Pa.

Mention The Review when you write.

EDWARD B. JACKSON,
Wholesale Florist.

HARDY HERBACEOUS PLANTS ONLY.

In any quantity for the least money.

STAMFORD, CONN.

Mention The Review when you write.

VERBENAS.

We have 25,000 ROOTED CUTTINGS

Ready to come out of sand this week. They are all named and consist of 12 varieties of the finest market sorts.

Price 80c per 100, \$5.00 per 1000.

We prepay express on all orders for 1000 and over. Terms cash with order Address

S. ALFRED BAUR, - - ERIE, PA.

Mention The Review when you write.

STOP, LOOK AND THINK!

PRIMROSES for Easter Blooming

At \$2.00 per hundred.

SEE OUR LAST WEEK'S "AD." FOR BARGAINS. Write us.

GREENE & UNDERHILL, - - WATERTOWN, N. Y.

Mention The Review when you write.

DILLON'S WHOLESALE PRICE LIST

of Verbenas, Carnations, Grafted Roses and Roses
on their own roots, NOW READY. Send for it.

J. L. DILLON, - - BLOOMSBURG, PA.

Mention The Review when you write.

Burpee's Seeds Grow

FROSTED WINDOWS.

Editor Review:—I have just been reading Ivera's article on frozen windows and thought possibly my way of keeping the frost off would interest your readers.

I use an electric fan, and it keeps the window perfectly clear, even with the mercury 36 degrees below zero. It also keeps the window free from steam or sweat and at a cost of only \$1 per month.

I know of only one drawback to this method. It takes too much time to explain to people "why you keep that fan going all the time." "Does that keep the plants from freezing?" "Do they grow better with a circulation of air?" "Do you keep the leaves waving all the time to attract attention?" etc., about forty times a day. But it's refreshing to come up the streets past whole blocks of windows frozen solid and find your own perfectly clean and full of bright flowers.

W. W. SEEKINS.

Duluth, Minn.

WE HAVE received a circular from W. Atlee Burpee & Co., the Philadelphia seedsmen, in which they offer a cash prize of \$20 for the best collection of vegetables grown from Burpee's seeds at each state and county fair held in the United States during the summer or fall of 1900. There are other prizes, and a sweepstakes of \$100 to the one winning the greatest amount of prizes for products of Burpee's seeds in 1900. It is a remarkable offer and we imagine the amount of prize money will run into large figures. The circular is interesting reading. It will no doubt be mailed to anyone addressing a request to W. Atlee Burpee & Co., Philadelphia, Pa.

CHATTANOOGA, TENN.—John Karsten has erected a fine office and workroom in addition to two houses for palms and ferns. He is much encouraged by the steady increase in business and intends to further enlarge his place next summer. He noted an increased demand for pot plants during the holidays.

Ethel Crocker. Absolutely the Best Pink Carnation ever offered the trade.

A fact fully borne out by its record, being equally good with Craig, Hill and myself (an assurance that it is not a success in one soil and a failure in another.) By its having been shown at the flower shows and clubs since early in September (an assurance that it is not a good late carnation but an all season variety.)

In color, size, fragrance and stem it is just what the "storemen" want. In habit, constitution and freedom of bloom it is just what the grower wants. It produces more flowers to the square foot than any other known variety, and is never out of crop from September to July.

With 18,000 stock plants to work from there is no danger of it being overpropagated, and all orders entrusted to me will be filled with cuttings selected from the plants and also in filling the order, by myself, thus doubly assuring good stock. Honest sample blooms furnished prepaid at \$1.00 per dozen, amount deducted from all orders for 100 or over. Up to date every sample excepting one out of several hundred sent has brought an order.

Price per 100, \$10.00; per 25, \$2.50. Per 1000, \$75.00; per 250, \$18.75. HERR'S PANSIES, good little plants at 75c per 100; \$4.00 per 1000.

Price list of standard varieties ready now.

ALBERT M. HERR, Lancaster, Pa.

Mention The Review when you write.

CARNATIONS...

LARGE STOCK OF STRONG
ROOTED CUTTINGS NOW READY

G. H. Crane, Morning Glory, Maceo, Glacier, Gomez, America, Red Mrs. Bradt (or Chicago), Mary Wood and other good standard sorts.

Mrs. Geo. M. Bradt for March delivery — all the early stock sold.

FIVE 1900 NOVELTIES.

Mrs. Thos. Lawson, Ethel Crocker, The Marquis, Olympia and Genevieve Lord. At introductory prices.

We make a Specialty of Rooted Cuttings, and have three houses of stock growing for that purpose only.

SEND FOR DESCRIPTIVE PRICE LIST.

F. DORNER & SONS CO., LaFayette, Ind.

Mention The Review when you write.

ROSES AND CARNATIONS.

ROOTED CUTTINGS.... STRICTLY FIRST CLASS
AND GUARANTEED.

	Doz.	100	1000
Mrs. Lawson.....	\$3.00	\$14.00	\$120
Olympia.....	2.00	12.00	100
Ethel Crocker....	1.50	10.00	75
Genevieve Lord..	2.00	10.00	75
Marquis.....	1.50	10.00	75

PINK.

Mrs. Frances Joost...	\$2.50	\$20.00
Mrs. James Dean...	2.50	20.00
Cerise Queen.....	2.00	15.00
Mrs. McBurney.....	1.50	12.00
Gov. Griggs.....	2.00	15.00
Hector.....	3.00	25.00
William Scott.....	1.00	7.50
Dorothy Sweet.....	3.00	25.00
Victor.....	2.00	15.00
New York.....	2.00	15.00

Daybreak. lt. pink...	\$1.25	\$10.00
Painted Lady, cerise.	1.50	12.00

SCARLET.

G. H. Crane.....	6.00	50.00
Portia.....	1.50	12.00
America.....	4.00	35.00
Jubilee.....	2.00	15.00
Bon Ton.....	2.00	15.00

CARMINE.

Argyle.....	1.50	12.00
-------------	------	-------

WHITE.

John Young.....	3.00	25.00
White Cloud.....	3.50	25.00
Alaska.....	1.50	12.00
Genesee.....	2.00	15.00
Mary Wood.....	3.00	25.00

	100	1000
Evelina.....	\$1.25	\$10.00
Flora Hill.....	1.50	12.00
McGowan.....	1.00	7.50

CRIMSON.

Gen. Maceo.....	6.00	50.00
Gen. Gomez.....	6.00	50.00
Evanston.....	2.00	15.00

VARIEGATED.

Mrs. Bradt.....	4.00	35.00
Psyche.....	1.50	12.00
Armazindy.....	1.50	10.00
Eldorado.....	2.00	15.00
Sandusky.....	3.00	25.00

YELLOW.

Gold Nugget.....	2.50	20.00
Gov. Pingree.....	1.50	12.00

ROSES.

	100	1000
American Beauties...	\$3.00	\$25.00
Dewey.....	3.00	25.00
Maid of Honor.....	3.00	25.00
Lady Dorothy.....	3.00	25.00

	100	1000
Mme. Chestney.....	\$3.00	\$25.00
Brides.....	1.50	12.50
Maids.....	1.50	12.50
Meteors.....	1.50	12.50

	100	1000
Perles.....	\$1.50	\$12.50
Golden Gate.....	1.50	12.50
Mme. Cusine.....	1.50	12.50

LAKE VIEW ROSE GARDENS, - JAMESTOWN, N. Y.

Mention The Review when you write.

ELM CITY A Grand New White....

Carnation

Seedling of Lizzie McGowan
and Mme. Diaz Albertini,
in its fifth year.

The flowers are large, finely shaped and of strong fragrance. Petals are heavy, of good substance and nicely fringed. Calyx is very strong, after the style of Mme. Albertini, and none bursting; the stem strong, holding the flower erect. The plant is a good grower and free bloomer, not subject to stem rot or any disease. Rooted Cuttings ready February 1st, \$1.50 per doz., \$10 per 100, or \$70 per 1000. Cash with order. We shall prepay the express where money accompanies the order. Orders filled in rotation.

M. E. KRAUS, 320 Davenport Ave., NEW HAVEN, CONN.

Mention The Review when you write.

GENEVIEVE LORD. The Peer of Light Pinks

(Stock for delivery prior to
March 20, all sold.)

The people know a good thing when they see it. If you haven't seen it ask someone who has concerning its appearance. It has proven itself the most popular selling carnation we have ever grown, and as it combines quantity with quality it is no surprise to know it is the most profitable we have ever grown.

Some of its Features: The finest stem of any carnation. The color is just right, the ladies go wild over it. It is large, grades easily as a fancy. Odor is very sweet. Form beautiful, calyx perfect. It is a perfect non-bursting carnation. Every grower will appreciate this. If you don't grow Genevieve Lord next winter your list will not be complete. Remember stock is all sold until March 20.

WASHINGTON, D. C., January 12, 1900.
MESSRS. H. WEBER & SONS, Oakland, Md.
Dear Sirs:—We have handled your new carnation Genevieve Lord, for the past year, and beg to state that it is one of the finest carnations we have ever handled. It has become very popular here in Washington, its beautiful color making it a ready seller. Together with color its most distinct points are its extra long stems and perfect, erect habit. It has a marked individuality, enabling customers to recognize it at a glance. It is one of the few new carnations that have so many good points, and we feel satisfied that it has a great future before it. It is some little trouble to educate the people up to paying \$3 and \$4 per dozen for carnations, but if any carnation will bring the price, it is Genevieve Lord.
Yours very truly,
[Signed] J. H. SMALL & SONS.

PRICE:
\$2 per doz., \$10 per 100,
\$75 per 1000.

Catalogue ready now containing full description of the above as well as the other big new ones and standard sorts. A postal card will bring it.

Also complete list of new and standard Chrysanthemums.

H. WEBER & SONS,

CINCINNATI, Ohio, January 16, 1900.
MESSRS. H. WEBER & SONS, Oakland, Md.
Gentlemen:—I want to congratulate you on being the introducers of Genevieve Lord, your new pink carnation. Although I have not seen it growing, I have seen it exhibited at nearly all seasons of the year, and taking all its good qualities into consideration, I believe it to be the best pink of its class in the market today. It is strictly a commercial flower, and will produce the dollars and cents. I predict for you a phenomenal sale of this carnation.
Yours very truly,
[Signed] E. G. GILLET.

OAKLAND,
MD.

Mention The Review when you write.

ST. LOUIS, Mo., January 24, 1900.
H. WEBER & SONS, Oakland, Md.
Dear Sirs:—In regard to what I think of Genevieve Lord, and what I heard spoken about it at the meeting, is this: Color just right and what is wanted and will sell. Shape and size as good if not better than any carnation ever sent out; very sweet; stems the best ever seen on any carnation sent out. In keeping and shipping qualities it beats any carnation that I have ever seen; as I mentioned last time in my letter to you, they looked as fresh as if they had just been cut.
Yours very truly,
[Signed] E. SCHRAY, Sec. St. Louis Florists' Club.



VERBENA KING.

The largest Verbena grower in the world (Bros. & Sisters); we have them, too, the very best mammoth named vars. on earth and sure to please you at the following prices—60c per 100, \$5.00 per 1000; 5000 for \$22.00; 10,000 for \$40.00.

Write for prices on larger lots.

Look here! we pay express charges on all

Rooted Cuttings, and beside, we guarantee satisfaction in every shape and manner and we will do it for

Carnations--Rooted Cuttings.

Flora Hill—\$1.50 per 100; \$14.00 per 1000.
Lizzie McGowan—\$1.00 per 100; \$9.00 per 1000.
Wm. Scott—\$1.00 per 100; \$9.00 per 1000.

AGERATUM—Cope's Pet, blue; Lady Isabel, white; 60c per 100; \$5.00 per 1000.

DAISIES. California, White, Yellow Castle, Yellow, the best all-round Daisies, both stand the heat and dry weather. Well-rooted Cuttings, \$1.00 per 100; \$9.00 per 1000; 2-in. strong, \$2.00 per 100. Send for list. THAT CASH, PLEASE.

We pay the express on all Rooted Cuttings. Our guarantee goes with everything we send out.

C. HUMFELD, Clay Center, Kan.

Mention The Review when you write.

Carnation Cuttings... NOW READY.

Jubilee, White Cloud, Daybreak, Flora Hill and other standard varieties. Write for prices. We control the original stock of **MME. CHAPMAN** the Grand Rapids pink sport of D. B.

CRABB & HUNTER, Grand Rapids, Mich.

Mention The Review when you write.

NEW CARNATIONS.

We are now ready to receive orders for strong rooted CUTTINGS.....

GEN. MACEO } \$1 per doz., \$6 per 100, \$50 per 1000.
G. H. CRANE }
GLACIER }
MORNING GLORY..... }

GEN. GOMEZ } 75c per doz., \$5 per 100, \$40 per 1000.
MRS. G. M. BRADT }
WHITE CLOUD..... } 50c per doz., \$4 per 100, \$30 per 1000.
GOLD NUGGET..... }

25 at 100 rate. 250 at 1000 rate.

We have Fine Large Stocks and will deliver only Fine, Strong, Well-Rooted Cuttings.

THE COTTAGE GARDENS, - QUEENS, N. Y.

Mention The Review when you write.

FIELD GROWN CARNATIONS

BEST NEW AND STANDARD VARIETIES. Write for catalogue and prices.

W. P. PEACOCK, ATCO, N. J.

Mention The Review when you write.

NEW CROP WINTER BLOOMING CARNATION SEEDS.....

Hand Fertilized. 25 cents per 100.

CASH WITH ORDER.

AMERICAN ROSE COMPANY, WASHINGTON, D. C.

Mention The Review when you write.

NEW CARNATIONS

12 Novelties of 1900.
27 of the Best Standard Varieties. Send for price list.

GEO. HANCOCK & SON, GRAND HAVEN, Mich.

Mention The Review when you write.

FOLLOWING ROSES

in 2-inch, NOW READY TO SHIP:

Perles, Woottons, Kaisersins, Maids and Beauties; also first shifting in 2½s ready for 3s. Write for prices.

A SPECIAL IN BOSTON FERNS in 5-inch pots.

GEO. A. KUHL, PEKIN, ILL.

Mention The Review when you write.

OSAGE, IA.

The florists of northern Iowa and southern Minnesota held their second annual picnic with Hall Bros., here, January 23-24. The attendance was not as large as was expected, but it was a very profitable meeting, and those who were unable to attend missed a grand meeting.

The florists all report this season so far a profitable one, as the mild weather has cut down some on expenses and the cut of flowers has been above the average. Floral design work in most places showed a falling off, but the call for flowers had been good and all had been disposed of at the established prices.

The address of welcome and a few verses in memory of our last meet were read by W. H. Hall, of the firm of Hall Bros.

M. H. Wetherbee, from Charles City, read a very interesting paper on "How to Induce Customers to Buy Flowers for the Sick and Aged." It seemed to be the opinion of all present that flowers for the sick was one of the best purposes they could be used for, and that we were justified in giving an extra flower or two to customers buying them for this purpose.

Mr. Wetherbee has rebuilt one house and added two new ones 12x70 the past summer, which, in addition to his former plant, gives him plenty of room for growing cut flowers.

E. J. Springer, of New Hampton, gave us a very witty paper on "What Induces Me to Stick to the Florist's Business." No one present escaped a dig from his pen, and each one enjoyed the joke on the other fellow better than that on himself.

W. B. Perry, from Cresco, who, by the way, is the champion cut flower grower in this section, demonstrated by the wonderful specimens which he exhibited, gave us some very interesting figures on his yield of cut flowers per plant. We need Mr. Perry here in this section to fall back on when we are short of flowers, so I will not state the number of first quality cut flowers he is able to produce per plant in a season.

Walter S. Hall, of the firm of Hall Bros., took for his subject "Plant Novelties." He drew quite a discouraging picture and showed the need of some organization to test and inspect new varieties and restrict introducers from exaggerated statements.

Mr. A. N. Kinsman, Austin, Minn., told us what he saw at the S. A. F. convention and other places the past summer.

Mr. Kinsman is planning to add 7,000 feet of glass this summer and his plans for his new houses drew out quite a discussion; nearly everyone agreed to his plan of even span east and west houses.

Plans were made to meet next July with W. T. Symonds at Decorah, Iowa, who with his wit and brogue is an entertainer at every meeting.

Mention The Florists' Review when writing advertisers.

THE NEW PINK CARNATION

"Mrs. Bertram Lippincott."

(Originated and grown for the past four years by John Kuhn, Philadelphia, Pa.)

The mere fact that this variety is a cross between "Daybreak" and "Scott" is a sufficient guarantee and should recommend it to every grower throughout the land as the **only** carnation that will be sure to yield good returns. Its pedigree, however, though much in its favor, is by no means its strongest point or recommendation. **"Mrs. Bertram Lippincott" is possessed of many good points of its own and is being introduced upon its own merits.** The meritorious points in its favor are:

FORM. The very acme of perfection. Full, well rounded, and double, with a calyx that never bursts.

SIZE. 3 to 3½ inches in ordinary soil—with chemical fertilizers this size can still be increased.

COLOR. A soft, rich pink, a shade darker than Daybreak—a color that "takes" or sells at sight.

STEM. Of the Daybreak type, averaging from 2 to 2½ feet.

HABIT. Exceptionally strong and healthy. Has never been known to be a victim to rust or any other disease.

KEEPING QUALITIES. No other carnation can surpass it in this respect.

ITS STRONGEST POINT. It crops from the time it is housed until it is thrown out. No "between season," no "let up." In a word, it is the carnation you want to grow.

STOCK NOW READY.

We control the whole stock of this valuable carnation. Orders will be filled in strict rotation as booked.

PRICES: \$2.00 per dozen; \$10.00 per 100; 25 and over at 100 rates; \$75.00 per 1000; 250 and over at 1000 rates.

HENRY F. MICHELL.
FRED J. MICHELL.

HENRY F. MICHELL,

SEEDS, BULBS,
PLANTS, ETC.

1018 Market St., Philadelphia.

Send for our Wholesale Catalogue of Seeds, Bulbs and Supplies.

Mention The Review when you write.



100,000

R. C.

Carnations

Ready TO SHIP

Early orders get the best stock.

	Per 100
Mrs. Thos. W. Lawson	\$14.00
Ethel Crocker, pink	10.00
Olympia, variegated	12.00
The Marquis, pink	10.00
Genevieve Lord, pink	10.00
G. H. Crane, scarlet	5.00
America, scarlet	4.00
Melba, light pink	8.00
Mrs. G. Bradt, variegated	8.00
Glacier, white, fine	8.00
Maud Adams, dark pink	8.00
Gomez, dark red	4.00
Mrs. F. Joost, pink	2.50
Gold Nugget, yellow	3.00
Argyle, pink, fine	1.50
Triumph, pink	1.50
Daybreak, shell pink	1.00
Empress, dark red	1.00
Flora Hill, white	1.25
White Cloud, white	2.50
Mary Wood, white, fine	3.00
Jubilee, scarlet	1.50
Psyche, variegated	1.00
Gen. Maceo	4.00
Armazindy	1.50

12 cuttings at 100 rate.

All Cuttings Warranted A1.

The Morris Floral Co.

MORRIS, ILL.

ROOTED CUTTINGS.....

Verbenas, 40 var., 60c per 100, \$5.00 per 1000. Petunias, 80 var., \$1.25 per 100. Heliotrope, 15 var., \$1.00 per 100. Coleus, 30 var., 70c per 100, \$8.00 per 1000. Ageratum, 3 kinds, include Princess Pauline, 70c per 100; Alyssum Dble., \$1.00 per 100; Lantanas, 4 kinds, \$1.25 per 100. Salvias, 3 kinds, \$1.00 per 100. Geraniums, mixed, from 2-inch pots, strong plants, \$2.50 per 100.

Express prepaid and satisfaction guaranteed. Cash with orders. Do not send checks.

Our Cuttings are good. Write

S. D. BRANT, Clay Center, Kan.

Mention The Review when you write.

FINE STOCKY PLANTS

Alternanthera, Yellow, \$1.75 per 100; Red, \$2.00 per 100. Oxalis Floribunda, 2-in. pot, 2.50. Vinca Vines, 2 varieties, 2-in. pot, 2.50. Geraniums, 16 " 2½ " 3.00. Pansy Plants, large flowering, per 1000, \$2.50. .50

CASH WITH ORDER.

JOS. H. CUNNINGHAM, - - Delaware, Ohio.

Mention The Review when you write.

...MAMMOTH VERBENAS...

Mammoth Verbenas, large rooted plants, 60c per 100, \$5 per 1000. Cyclamen, 8-in., \$5 per 100; in bud and bloom, 4-in., \$1.25 per doz. Geraniums S. A. Nutt, Grant, LaFavorite, Hill and Pink, 8-in., \$3 per 100. Stocks, white or mixed, double, 2-in., \$1.50 per 100. Rooted Cuttings—Double and single Petunias, mixed, \$1 per 100. Ageratum Princess Pauline, 70c per 100. Lobelia, \$1 per 100.

SAMUEL WHITTON, 15-17 Gray Ave., UTICA, N. Y.

Mention The Review when you write.

Catch them before they are gone. 1000 fine, strong, healthy White Cloud Carnation Cuttings, \$3.00 per 100, \$22.00 per 1000. Also 1000 Flora Hill, \$1.50 per 100, \$12.00 per 1000. The two best White Carnations to date. Cash please. Gunnar Tellmann, Marion, Ind.

CHICAGO CARNATION CO.

The Great and Only Exclusive Carnation Specialists



WE have shipped out this Spring some seventy-five thousand rooted cuttings, and as yet have not received a single complaint, but on the contrary, have received numerous complimentary letters as to the superior stock we are sending out, which goes to show

**Our Cuttings
Are Unequaled.**

GENEVIEVE LORD

Peerless in its class. The coming light pink. As a commercial variety it will score its greatest triumph.

As an exhibition variety it will take care of itself. Its reputation is already made. We recommend it to you as being first-class in every way. It has won highest honors wherever exhibited. In a word it is the light pink par excellence. Better than Scott in its palmiest days. There will be no attempt to over-propagate it. First come, first served. Send for complete description. **\$75 per 1000; \$10 per 100; \$2 per doz.**

Mrs. Thos. W. Lawson Carnation

GOOD STRONG CUTTINGS FROM SOIL.

OLYMPIA, Variegated, from Soil, \$12.00 per 100; \$100.00 per 1000

CHICAGO, or Scarlet Bradt, \$1.50 per doz.; 7.50 " 60.00 "

ETHEL CROCKER, Pink, - 1.50 " 10.00 " 75.00 "

	Per 100	Per 1000	Blooms per 100		Per 100	Per 1000	Blooms per 100
Frances Joost, pink	\$3.50	\$20.00	\$4.00	Argyle, carmine	\$2.50	\$20.00	\$4.00
Mrs. Jas. Dean, pink	2.50	20.00	4.00	Jubilee, scarlet	2.00	15.00	4.00
John Young, white	2.50	20.00	5.00	Armazindy, variegated	2.00	15.00	2.00
White Cloud, white	4.00	30.00	5.00	Evelina, white	2.00	15.00	2.00
Mrs. Bradt, variegated	5.00	40.00	\$4 to \$5	Wm. Scott, pink	2.00	15.00	2.00
Gen. Maceo, crimson	6.00	50.00	4.00	Victor, pink	2.00	15.00	
Gen. Gomez, crimson	6.00	50.00	4.00	Daybreak, light pink	2.00	15.00	
G. H. Crane, scarlet	6.00	50.00	5.00	Flora Hill, white	2.00	15.00	4.00
Gold Nugget, yellow	2.50	20.00	4.00	And All Other Varieties in Commerce.			

Write for Discounts and Descriptive Catalogue.

Also for Price List of High-Grade Blooms.

CHICAGO CARNATION CO., Greenhouses and Address.... JOLIET, ILL.

CLASSIFIED PLANT ADVERTISEMENTS.

Rate for advertisements under this head, 10 cents a line net, per insertion. New advs. and changes must reach us by Wednesday morning at latest to secure proper classification in issue of Thursday.

ABUTILON.

Abutilon Eclipse, fine stock, 2½-in., \$4.00 per 100. Beach & Chessman, Richmond, Ind.

ACALYPHA.

Acalypha Sanderi, fine 2½-in. plants, \$3.00 per 100. The Conard & Jones Co., West Grove, Pa.

AGERATUM.

Ageratum Stella Gurney. The best dwarf blue Ageratum yet introduced. Habit perfect, color deep and very free. \$1.25 per doz.; \$8.00 per 100.

H. A. Dreer, 714 Chestnut St., Phila., Pa.

Princess Pauline and Brighton Beauty, the best of all and the only ones to grow, 2½-in., \$2.50 per 100.

Beach & Chessman, Richmond, Ind.

Ageratum Princess Pauline, the only one to grow. Extra strong, 2½-in., \$2.50 per 100. South Side Floral Co., Springfield, Ill.

Ageratum, rooted cuttings, blue and white, \$1.00, Princess Pauline \$1.25 per 100. Greene & Underhill, Watertown, N. Y.

Cope's Pet, blue; Lady Isabel, white, 60c per 100; \$5.00 per 1000.

C. Humfeld, Clay Center, Kans.

Princess Pauline, rooted cuttings, 70c per 100. S. Whitton, 15-17 Gray Ave., Utica, N. Y.

ALTERNANTHERA.

Alternanthera, rooted cuttings, summer struck, \$1.00 per 100; \$9.00 per 1000. Rooted cuttings, 60c per 100; \$5.00 per 1000.

Greene & Underhill, Watertown, N. Y.

40,000, 4 varieties, red, yellow, pink and large pink leaved, strong, full of cuttings; were potted last August, 2½-in., \$2.00 per 100.

Morris Floral Co., Morris, Ill.

Alternantheras, fine, stocky plants, yellow, \$1.75; red, \$2.00 per 100. Cash.

Jos. H. Cunningham, Delaware, O.

ALYSSUM.

Double flowered, fine 2-in. plants, \$2.50 per 100. Beach & Chessman, Richmond, Ind.

ANTHERICUM.

Anthericums, 3-in., \$6.00 per 100.

Greene & Underhill, Watertown, N. Y.

Anthericum Var., 2½-in., \$4.00 per 100.

Beach & Chessman, Richmond, Ind.

ASPARAGUS.

A. plumosus nanus seed, doz., 15 cts; 100, \$1.00; 1000, \$9.00. A. Sprengeri, doz., 10 cts; 100, 75 cts; 1000, \$6.00. H. H. Berger & Co., 47 Barclay St., New York.

Asparagus Plumosus Nanus, nice plants, 2½-in. pots, \$4.50 per 100; \$40.00 per 1000. Sprengeri, 2½-in., \$3.50 per 100; \$30.00 per 1000.

John A. Doyle Co., Springfield, Ohio.

350 Asparagus Sprengeri, 4-in. pots, \$6.00 per 100. Cash with order.

Floracraft Gardens, Moorestown, N. J.

Asparagus Sprengeri from 2½-in. pots, strong, \$4.00 per 100.

Harvey B. Snow, Camden, N. Y.

BEGONIAS.

Begonia Duke Zeppelin. A sun-proof double scarlet variety; one of the best bedding varieties, 20 cents each; \$2.00 per doz.; \$15.00 per 100. Begonia New Frilled. These are perfection in tuberous rooted Begonias. Flowers from four to five inches across, with wavy petals which are frilled on the edges like a fine petunia, 25 cts each; \$2.50 per doz.; \$20.00 per 100.

Single, rose scarlet, white, yellow, orange, 40c per doz.; \$2.50 per 100; \$20.00 per 1000. Single in choicest mixture, 35c per doz.; \$2.00 per 100; \$18.00 per 1000. Double, rose, scarlet, white, yellow, 65c per doz.; \$5.00 per 100; \$40.00 per 1000; double in choicest mixture, 50c per doz.; \$4.00 per 100; \$35.00 per 1000.

Henry Dreer, 714 Chestnut St., Phila., Pa.

Begonia tuberous, single colors, separate. Per 100, English strain, \$3.50; Belgian, \$2.50. Double colors, separate, English strain, \$5.00; Belgian, \$4.00.

Bobbink & Atkins, Rutherford, N. J.

Begonia Rex, assorted, 2½-in., \$4.00; named, \$6.00. Rooted cuttings, Erfordii, Rex, Incarnate gigantea, \$2.00 per 100.

Greene & Underhill, Watertown, N. Y.

Graf Zeppelin, best double scarlet for sunny borders. H. Henkel, Darmstadt, Germany.

15 varieties, flowering, named, 2½-in., \$1.50 per 100. Morris Floral Co., Morris, Ill.

BOUGAINVILLEA.

Sanderiana, strong, from last year.

H. Henkel, Darmstadt, Germany.

BULBS.

To clear out, as we need room. A lot of Spiraea Japonica Compacta, 50 cts per doz.; \$3.00 per 100. Lily of the Valley, best brand, \$1.00 per 100; \$8.00 per 1000. Tree Paeonias, which will bring good money if forced for Easter, white, rose-red, variegated, Lilac, strong plants, with buds, 50c each; \$5 a doz.; \$8 for 25. H. H. Berger & Co., 47 Barclay St., New York.

Dble Pearl Tuberose bulbs, good, sound, reliable bloomers. No. 1, 4-in. and up, \$1.00 per 100; \$6.00 per 1000. No. 2, 3 to 4-in., 50c per 100; \$3.00 per 1000. The latter all good blooming bulbs. Chas. Black, Hightstown, N. J.

We have still on hand some of our Lily of the Valley pips, the finest that comes to this country at \$10.00 per 1000; case of 3000 at \$9.00 per 1000. J. M. Thorburn & Co., 36 Cortlandt St., New York.

R. Van Der Schoot & Son, Wholesale Bulb Growers, Hillegom, Holland. Our bulb stocks, now covering an area of over 150 acres, are at present the largest of Holland. Est. 1830.

Armstrong's ever-blooming tuberose ("Without a peer among Tuberoses," J. M. Jordan, St. Louis), \$4.00 per 100. Grown and for sale by Luther Armstrong, Kirkwood, Mo.

Gladioli bulbs, 500,000, the best strains in America. Fully 50 to 70 per cent light shades. Special prices on large orders.

Betcher Bros., Canal Dover, Ohio.

California grown bulbs. Send for our special trade list. California Nursery Co., Niles, California.

We are headquarters for Tuberose Bulbs. Write for prices.

T. W. Wood & Sons, Richmond, Va.

Zephyranthes sulphurea, big yellow flower, \$6.00 per 1000. Milla, Bessera and others. Wm. Tell, Austin, Tex.

Spotted leaf Calla bulbs, 50c per doz.; \$2.00 per 100. S. J. Galloway, Eaton, Ohio.

Bulbs and Plants for Fall and Spring delivery. C. H. Joosten, Importer, 85 Dey, St., N. Y.

CACTI.

Cacti and cacti seed, send for price.

Wm. Tell, Austin, Tex.

The Florists' Manual, by William Scott, is a whole library on Commercial Floriculture.

CALADIUMS.

Fancy leaved caladiums: \$6.00 per 100 for our list No. 1, consisting of 10 varieties, large bulbs, good colors. List No. 2, choice assortment of best Brazilian, 10 varieties, beautiful shapes of coloring, \$10.00 per 100. Or both lists, 20 varieties, 200 good bulbs, \$15.00.

Oak Grove Nurseries, Seven Oaks, Fla.

Caladium Albanense. Differs from all other fancy Caladiums. Leaves thick and heavy, spear shaped, and handsomely marked with red, green and creamy yellow, radiating from the center of leaf. 35 cts each; \$4.00 per doz.

H. A. Dreer, 714 Chestnut St., Phila., Pa.

Caladiums, fancy named sorts, extra large, bulbs 1½ to 2½ inches, \$2.50 per 10; \$20.00 per 100. Bulbs 1 to 1¼ inches, \$1.50 per 10; \$12.00 per 100. P. J. Berckmans Co., Augusta, Ga.

Caladium esculentum bulbs, 1½ to 2 inches, \$1.00; 2 to 3 inches, \$2.00; 3 to 4 inches and over, \$3.75 per 100. B. H. Ritter, Port Royal, S. C.

Fancy leaved Caladiums, 30 choice varieties, \$2.00 per doz.; \$15.00 per 100.

H. A. Dreer, 714 Chestnut St., Philadelphia.

CALCEOLARIA.

Calceolaria wanted, state size and price.

B. F. Vandervate, Galena, Ill.

"The Classified Advs. bring big returns" is the verdict of the advertisers.

CANNAS.

Cannas. Cash price per thousand, \$10, \$15, \$20. Lowest prices per hundred. Mixed Cannas, per 1000, \$10.00. 40 varieties. List on application.

William Stuppe, Hollis, L. I., N. Y.

Cannas, 50,000, choice mixed stock. Write for catalogue and prices.

Betcher Bros., Canal Dover, Ohio.

10 varieties, all mixed, single eyes, \$1.00 per 100. Morris Floral Co., Morris, Ill.

A select list of new cannas. Write N. Smith & Son, Adrian, Mich.

CARNATIONS.

Rooted cuttings. Ethel Crocker, \$2.50 per 25; \$10.00 per 100; \$18.75 per 250; \$75.00 per 1000. The Marquis and Genevieve Lord, \$10.00 per 100; \$75.00 per 1000. Olympia, \$12.00 per 100; \$100.00 per 1000. Mrs. Thos. Lawson, \$14.00 per 100; \$120.00 per 1000. America, \$5.00 per 100; \$40.00 per 1000. G. H. Crane, \$6.00 per 100; \$50.00 per 1000. Jubilee, \$2.00 per 100; \$15.00 per 1000. White Cloud, \$3.50 per 100; \$30.00 per 1000. Flora Hill, \$1.50 per 100; \$10.00 per 1000. John Young, \$2.00 per 100; \$15.00 per 1000. McGowan, \$10.00 per 1000. Argyle, \$2.00 per 100; \$15.00 per 1000. Mrs. Joost, \$2.50 per 100; \$20.00 per 1000. New York, \$2.00 per 100; \$20.00 per 1000. Daybreak, \$1.50 per 100; \$10.00 per 1000. Victor, \$1.50 per 100; \$12.50 per 1000. Wm. Scott, \$10.00 per 1000. Mrs. Bradt, \$5.00 per 100; \$40.00 per 1000. Armazindy, \$1.50 per 100; \$10.00 per 1000.

H. F. Littlefield, Worcester, Mass.

New carnations. We are now ready to receive orders for strong rooted cuttings. Gen. Maceo, G. H. Crane, Glacier, Morning Glory, \$1.00 per doz.; \$6.00 per 100; \$50.00 per 1000. Gomez, Bradt, 75c per doz.; \$5.00 per 100; \$40.00 per 1000. White Cloud, Gold Nugget, 50c per doz.; \$4.00 per 100; \$30.00 per 1000. Mrs. James Dean, \$3.00 per 100; \$25.00 per 1000. Mrs. Thos. W. Lawson, \$3.00 per doz.; \$14.00 per 100; \$120.00 per 1000. Olympia, \$2.00 per doz.; \$12.00 per 100; \$100.00 per 1000. Marquis, Genevieve Lord, Ethel Crocker, \$2.00 per doz.; \$10.00 per 100; \$75.00 per 1000. 25 at 100 rate, 350 at 1000 rate. We have fine large stocks and will deliver only strong, well rooted cuttings.

The Cottage Gardens, Queens, N. Y.

Rooted cuttings. White Cloud, Mary Wood, Triumph, Frances Joost, Cerise Queen, Painted Lady, Gold Nugget, Empress, \$2.50 per 100; \$20.00 per 1000.

Flora Hill, Scott, Daybreak, \$1.50 per 100; \$10.00 per 1000. Psyche, Armazindy, \$1.50 per 100; \$12.00 per 1000.

G. H. Crane, Leslie Paul, \$5.00 per 100; \$45.00 per 1000. America, Mrs. Bradt, \$5.00 per 100; \$40.00 per 1000. Red Bradt, \$10.00 per 100; \$75.00 per 1000. Jubilee, \$2.00 per 100; \$15.00 per 1000.

Mrs. Thos. W. Lawson, Olympia, The Marquis and Ethel Crocker, at introducers' prices. Bassett & Washburn, 76-78 Wabash Ave., Chicago.

Carnation cuttings. G. H. Crane, \$5.00 per 100; White Cloud, Mrs. Joost, Triumph and Evanston, \$2.50 per 100; \$20.00 per 1000. Gold Nugget, Mrs. McBurney and Jubilee, \$2.00 per 100; \$15.00 per 1000. Flora Hill, Daybreak, Argyle and Armazindy, \$1.25 per 100; \$10.00 per 1000. McGowan, Evelina, Mayor Pingree, Painted Lady, Wm. Scott, Tidal Wave and Morello, \$1.00 per 100; \$7.50 per 1000. All rooted cuttings sold under the condition that if not satisfactory they are to be returned at once and money will be refunded. Special prices on large lots.

George Reinberg, 51 Wabash Ave., Chicago.

PLEASE MENTION THE REVIEW WHEN WRITING ANY OF THESE ADVERTISERS.

CLASSIFIED PLANT ADVERTISEMENTS—CONTINUED.

Elm City, a grand new white carnation, seedling of Lizzie McGowan and Albertini, in its fifth year. The flowers are large, finely shaped and very fragrant. Petals are heavy, of good substance, nicely fringed. Calyx, strong, after the style of Albertini, none bursting. Stem strong, holding the flower erect. The plant is a good grower and free bloomer. Rooted cuttings ready Feb. 1 at \$1.50 per doz.; \$10.00 per 100; \$70.00 per 1000. We prepay the express when money accompanies the order. M. E. Kraus, 320 Davenport Ave., New Haven, Conn.

The new light pink carnation, Genevieve Lord is the coming light pink and we recommend it to you as being first class in every way. It has won highest honors where ever shown. Better than Scott in its palmist days. There will be no attempt to over propagate it. First come, first served. \$75.00 per 1000; \$10.00 per 100; \$2.00 per doz. Stock for delivery prior to Mar. 15th all sold. Are now booking orders for that date and later. Send for complete description. Also Mrs. Thos. W. Lawson, Crocker, Olympia, Marquis, J. Whitcomb Riley, Chicago and Estelle at introducers' prices. H. Weber & Sons, Oakland, Md.

Large stock of strong rooted cuttings now ready. G. H. Crane, Morning Glory, Maceo, Glacier, Gomez, America, Red Mrs. Bradt (or Chicago), Mary Wood and other good standard sorts. Mrs. Geo. M. Bradt for March delivery, all the early stock sold.

Five 1900 novelties, Mrs. Thos. W. Lawson, Ethel, Crocker, Olympia and Genevieve Lord at introductory prices. Send for descriptive price list.

F. Dorner & Sons Co., Lafayette, Ind.

Orders booked now in order of receipt for rooted cuttings of the famous Mrs. Thomas W. Lawson, the \$30,000 Queen of Carnations, for spring delivery, commencing Feb. 1, 1900. Prices to the trade only: Per dozen, \$3.00; per 100, \$14.00; per 1000, \$120.00; per 5000, \$500.00; per 10,000, \$800.00. Terms strictly cash or C. O. D. from unknown parties. Address all orders and make all remittances payable to Thos. F. Galvin, 124 Tremont St., Boston, Mass.

New Carnation Kittatinny. A new money making carnation; a white sport from Daybreak. Any one can grow it that can grow Daybreak, as it is identically the same in every respect except color, which is pure white; and with me it is a stronger grower and larger flower, and as a first-class all-round white can't be outclassed. Stock limited, and orders will be filled in strict rotation. Price per 100 rooted cuttings, \$6.00. Geo. M. Emmans, Newton, N. J.

40,000 clean, strong rooted cuttings. G. H. Crane, General Maceo, \$5.00 per 100; \$45.00 per 1000. General Gomez, Gov. Griggs, Mrs. G. Bradt, \$4.00 per 100; \$35.00 per 1000. White Cloud, Gold Nugget, Mrs. Frances Joost, New York, Mrs. James Dean, \$3.00 per 100; \$20.00 per 1000. Lizzie McGowan, Daybreak, Wm. Scott, E. Pierson, \$1.00 per 100; \$9.00 per 1000. Cash with order, please. A. Nelson, Notch Road, Paterson, N. J. P. O. Box 1450.

The new pink carnation, Mrs. Bertram Lipincott. The fact that this variety is a cross between Daybreak and Scott is a sufficient guarantee and should recommend it to every grower as the only carnation that will be sure to yield good returns. Stock now ready. \$2.00 per doz.; \$10.00 per 100; \$75.00 per 1000. H. F. Michell, 1018 Market St., Philadelphia.

Carnation cuttings. 20,000 Wm. Scott, must be sold to make room, at \$6.00 per 1000 or 4000 for \$20.00. Mrs. Joost, \$2.50 per 100; \$20.00 per 1000. Melba, \$3.00 per 100; \$25.00 per 1000. Flora Hill, Victor, Daybreak, \$1.25 per 100; \$10.00 per 1000. Mayor Pingree, \$1.00 per 100; \$7.00 per 1000. Cash with order. Carl E. Taube, Mercer Floral Co., Trenton, N. J.

Big cut to make room; good, clean rooted cuttings, Peach Blow, Scott, Bridesmaid, Rose Queen, 75c per 100; \$6.00 per 1000. Flora Hill, Jubilee, Triumph, Kohinoor, \$1.50 per 100. Albertini, Armazindy, Emily Pierson, \$1.25 per 100; any of above from 2-in. pots, 50c more. Cash with order. Logan Ave. Greenhouses, Danville, Ill.

Rooted cuttings, extra strong. Ready now. Daybreak, Jno. Young, Flora Hill, Eldorado, Freedom, Victor, \$1.50 per 100; \$12.00 per 1000. White Cloud, Frances Joost, \$2.50 per 100; \$20.00 per 1000. Dexter Purit, a good commercial scarlet, \$2.50 per 100. S. J. Reuter, Westerley, R. I.

100,000 rooted cuttings, ready to ship. Early orders get the best stock. Mrs. Thos. W. Lawson, \$14.00 per 100; Olympia, \$12.00 per 100; Crocker, Marquis, Lord, \$10.00 per 100; Crane, \$5.00 per 100; America, \$4.00 per 100. 12 cuttings at 100 rate. All the other new and standard sorts, for prices see large adv. Morris Floral Co., Morris, Ill.

Now ready, rooted cuttings. Maceo, Glacier, \$6.00 per 100; Evanston, \$2.50 per 100; Jubilee, Armazindy, Victor, A. Webb, \$2.00 per 100; F. Hill, Daybreak, Dana, Meteor, Morello, Cartledge, \$1.50 per 100; McGowan, Bridesmaid, Eldorado, Pingree, Portia, Jahn's Scarlett, Scott, \$1.00 per 100. D. R. Herron, Olean, N. Y.

Ethel Crocker. Absolutely the best carnation ever offered the trade. \$10.00 per 100; \$75.00 per 1000. 250 for \$18.75; 25 for \$2.50. Honest sample blooms furnished prepaid at \$1.00 per doz.; amount deducted from all orders for 100 or over. A. M. Herr, Lancaster, Pa.

Rooted cuttings of carnations. Both new and old varieties at lowest prices for good stock. Special rates on orders booked for future delivery. Satisfaction or money refunded. Geo. A. Rackham, 880 Van Dyke Ave., Detroit, Mich.

Anti-rust people attention! We grow fine Eldorados for the anti-rust people and can furnish rooted cuttings at \$1.00 per 100; \$8.00 per 1000. Speak quick with the cash and try the golden money maker. Roney Bros., West Grove, Pa.

Carnation cuttings now ready. Jubilee, White Cloud, Daybreak, Flora Hill and other standard varieties. We control the original stock of Mme. Chapman, the pink spot of Daybreak. Crabb & Hunter, Grand Rapids, Mich.

A fine lot of rooted cuttings of the following: Mayer Pingree, Bon Ton, Wellesley, Armazindy, Jubilee and Genesee, \$2.00 per 100. Buttercup (fine), \$3.00 per 100. Jos. Renard, Unionville, Chester Co., Pa.

Rooted cuttings, strictly first class stock. All the novelties as well as the standard sorts. For varieties and prices see display adv. in this issue. Lake View Rose Gardens, Jamestown, N. Y.

Chicago Carnation Co. The great and only carnation specialists. Cuttings now ready. For list see display adv. in this issue. Chicago Carnation Co. Greenhouses and address, Joliet, Ill.

Southern florists should plant southern carnations, 20,000 rooted cuttings, 15,000 2-in. pot plants. For sorts and prices write to Southern Nursery, Box 328, San Antonio, Tex.

Freedom, Mangold, R. C., \$1.50 per 100; same and Daybreak, transpl., \$2.00 per 100. Cash. Write for list of others. W. G. Kraber, 35 Tremont St., New Bedford, Mass.

50,000 standard carnations, rooted cuttings. \$7.50 per 1000. Descriptive list of 25 choice, up-to-date varieties. Cash. South Side Floral Co., Springfield, Ill.

Do not overlook the fact that we are offering the best new carnations. Catalogue now ready, free on application. N. Smith & Son, Adrian, Mich.

Rooted cuttings. Flora Hill, \$1.50 per 100; \$14.00 per 1000. Lizzie McGowan, Wm. Scott, \$1.00 per 100; \$9.00 per 1000. C. Humfeld, Clay Center, Kans.

Prevent bursting of carnations by using Soft Aluminum Bands. Can be used over and over again. \$2.25 per 1000. Sample hundred, 25 cts. Geo. A. Bates, Highwood, N. J.

1000 fine, healthy White Cloud carnation cuttings, \$3.00 per 100; \$22.00 per 1000. 1000 Flora Hill, \$1.50 per 100; \$12.00 per 1000. Cash please. Gunnar Tellmann, Marion, Ind.

Rooted cuttings of all the new and standard varieties of carnations. Send for price list. Wm. Swayne, Box 226, Kennett Square, Pa.

New crop winter blooming carnation seeds. Hand fertilized. 25c per 100. Cash. American Rose Co., Washington, D. C.

Dillon's wholesale price list of carnations is now ready. Send for it. J. L. Dillon, Bloomsburg, Pa.

Best new and standard varieties. Write for catalogue and prices. W. P. Peacock, Atco, N. J.

CHRYSANTHEMUMS.

The new pink chrysanthemum, Miss Florence E. Denzer is the latest mum. Blooms for Christmas. See cut in Florists' Review of Dec. 21, '99. Rooted cuttings, \$8.00 per 100; 2 1/4-in. pots, \$10.00 per 100. 30 other leading varieties, rooted cuttings, \$9.00 per 1000; 2 1/4-in. pots, \$15.00 per 1000. Ready Mar. 20, 1900. Cash. Anton C. Zvolanek, Summit Ave., West Hoboken, N. J.

"Little Chris," bloomed with us continuously from March until January. Plant dwarf, flowers small, white. Sold well at Easter and Decoration Day. Cut back plants from young growth from bottom, 4 and 5-in. pots, 25 and 35c each. Plants from 2-in. pots later. W. T. Bell & Sons, Franklin, Pa.

Mums only. 20th year. Fine stock of all the best money makers, Pacific, Bonnaffon, Robinson, etc., \$2.50 per 100; \$20.00 per 1000. Send for list. Cash. Cottage Greenhouses, Litchfield, Ill.

Rooted cuttings from prize winning stock now ready, all the best commercial varieties. One plant now worth ten later. Write for prices and varieties. Also carnations of leading and best sorts. See adv. in this issue. Gunnar Tellmann, Marion, Ind.

Yellow Fitzwygram, the earliest yellow chrysanthemum. Young plants, \$7.00 per 100; \$60.00 per 1000. (200 at thousand rate.) H. F. Littlefield, Worcester, Mass.

Well rooted cuttings of Ivory, Niveus, Mrs. G. Pitcher, Bonnaffon, Maud Dean and Nemesis, \$1.00 per 100; 2-in., \$1.50 per 100, cash. R. Kilbourn, Clinton, N. Y.

R. C. Yel. Queen, Mrs. Robinson, G. Kalb, M. Monarch, Bonnaffon, Lager, \$9.00 per 100. Cash. Dann & Son, Westfield, N. Y.

All the new chrysanthemums. List now ready, free on application. N. Smith & Son, Adrian, Mich.

CINERARIAS.

500 extra strong, 2 1/4-in., \$2.00 per 100. South Side Floral Co., Springfield, Ill.

CLEMATIS.

Small snug plants, to pot for Spring sales, from best varieties, per doz., \$1.00; per 100, \$8.00. Free by mail or express. F. A. Baller, Bloomington, Ill.

Coccinea and crispa, \$30.00 to \$45.00 per 1000. Wm. Tell, Austin, Tex.

COLEUS.

Rooted cuttings, Verschaffeltii, Golden Bedder and Empress of India. All well rooted and equal to the best on the market. Price, \$1.00 per 100; \$7.50 per 1000. 500 at 1000 rate. Orders calling for 1000 or more will be sent F. O. B. New York City. Seawanhaka Greenhouses, Jas. C. Clark, Supt., Box 34, Oyster Bay, N. Y.

Golden Bedder, Red Verschaffeltii and Yellow Verschaffeltii, 75c per 100; \$6.00 per 1000. Besides the above sorts we grow 30 other best commercial varieties, which we can supply at 75c per 100; \$5.00 per 1000. A. B. Davis & Son, Purcellville, Va.

20 new ones, all named, \$1.00 per doz.; \$4.00 per 100. 30 standard varieties, all named, 2 1/4-in., \$1.50 per 100. Morris Floral Co., Morris, Ill.

Fancy coleus, rooted cuttings, separate colors, 80c per 100; mixed, 60c per 100. Greene & Underhill, Watertown, N. Y.

Verschaffeltii, Golden Bedder, Queen Victoria, 60c per 100; \$5.00 per 1000. C. Otto Schwabe, Jenkintown, Pa.

30 varieties, 70c per 100; \$6.00 per 100. Express paid. S. D. Brant, Clay Center, Kan.

CUT BLOOMS.

Carnations and violets, fresh cut flowers, direct from grower. Orders filled on short notice. Princess of Wales violet plants from 2 1/4-in. pots, \$2.00 per 100. Long distance 'phone. Evenden Bros., Williamsport, Pa.

High grade carnation blooms. Standing orders solicited. Chicago Carnation Co. Greenhouses and address, Joliet, Ill.

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CLASSIFIED PLANT ADVERTISEMENTS—CONTINUED.

CUT BLOOMS—Continued.

Choice Marie Louise violets, \$1.00 per 100. Write for terms on regular supplies. R. Kilbourn, Clinton, N. Y.

Write Geo. A. Kuhl, Pekin, Ill., for prices on cut roses, carnations and bulb stock.

CYCLAMEN.

Nice little plants, 2 to 4 leaves, ready for 2½-in. pots, \$2.50 per 100; a few extra 4 and 5-in., in bloom, left at \$10.00 and \$20.00 per 100. Would like to exchange some for bedding stock. Highland Park Greenhouses, Highland Park, Ill.

Cyclamen, choice, in bud and bloom, 6-in., 35c; 5-in., 25c; 4-in., \$1.00 per doz.; \$3.00 per 100. September sown seedlings, \$2.00 per 100, cash please. H. L. Phelps, Springfield, Ill.

Cyclamen, 3-in., \$5.00 per 100. In bud and bloom, 4-in., \$1.25 per doz. S. Whitton, 15-17 Gray Ave., Utica, N. Y.

Cyclamen persicum giganteum, in bud and bloom, fine plants, \$12.00 per 100. Jos. Labo, Joliet, Ill.

DAHLIAS.

Dahlia Storm King. The finest white show Dahlia yet introduced. Grand for cutting. 25 cts each; \$2.50 per doz.; \$20.00 per 100. H. A. Dreer, 714 Chestnut St., Phila., Pa.

Dahlias by the tens of thousands. Get my catalogue before ordering elsewhere. W. W. Wilmore, Box 332, Denver, Colo.

DAISIES.

New giant California white Marguerite and the new golden Marguerite, two of the greatest selling plants of the year, strong 2½-in., \$2.50 per 100; rooted cuttings, \$1.00 per 100. South Side Floral Co., Springfield, Ill.

California, white; Yellow Castle, yellow. The best all-round daisies; both stand the heat and dry weather. Well rooted cuttings, \$1.00 per 100; \$9.00 per 1000; 2-in. strong, \$2.00 per 100. Cash. C. Humfeld, Clay Center, Kans.

Paris, strong rooted cuttings from stock plants six feet high, bearing flowers two inches in diameter: \$1.00 per 100; 2½-in., \$2.00 per 100. Mayer & Sons, Willow Street, Lancaster, Pa.

Large giant flowered, white, the best seller, 2½-in., \$2.50 per 100. Beach & Chessman, Richmond, Ind.

Bellis, strong plants, Snowball and Longfellow, 40c per 100; 300 for \$1.00; \$2.50 per 1000. J. C. Schmidt, Bristol, Pa.

DRACAENAS.

100 Dracaena indivisa, strong, 4-in. pots for sale or exchange for geraniums. A. F. Crawford & Co., Meriden, Conn.

Dracaena indivisa, in flats, \$5.00 per 100. Greene & Underhill, Watertown, N. Y.

Dracaena indivisa, strong, 2-in., \$3.00 per 100. Beach & Chessman, Richmond, Ind.

Dracaena indivisa, 3-in. pots, \$5.00 per 100. Harvey B. Snow, Camden, N. Y.

FERNS.

Sword ferns. We need the room.

	Inch pots.	Per 100.
Nephrolepis exaltata	2½	\$ 3.00
"	4	10.00
"	6	25.00
" pectinata	2½	3.00
"	3	5.00
" Philpensis	3	5.00
" Cordata compacta	2½	3.00
"	3	5.00
"	4	10.00
" exaltata	10	18.00

This is a special offer and holds good only until surplus is exhausted. Michel Plant and Bulb Co., Magnolia and Tower Grove Aves., St. Louis, Mo.

Fern Spores. We are headquarters. Extra large pkt. sufficient for 3000 plants, \$1.00, postpaid. Collection of 12 best varieties, each in separate package, \$5.00, postpaid. Cultural directions with each order. Send for prices on Boston Ferns, Farleyense, etc. E. C. McFadden, Short Hills, N. J.

Fine stock, 2½-inch pots, Cyrtomium falcatum, \$4.00 per 100; \$35.00 per 1000. Pteris serrulata cristata compacta, \$3.50 per 100; \$30.00 per 1000. Special prices on large quantities. Garfield Park Flower Company, 1688 W. Madison St., Chicago.

Hardy ferns for cultivation. Try them in your planting, they will thrive and increase in size and beauty where other plants fail. Catalogue of these and other herbaceous perennials. Edw. Gillett, Southwick, Mass.

Boston Ferns. N. Exaltata Bostoniensis, small plants, \$5.00 per 100 to \$40.00 per 1000; largest size, \$5.00 to \$20.00 per 100; not less than 250 at 1.00 rate. Wm. A. Bock, No. Cambridge, Mass.

Adiantum cuneatum, select stock, \$6.00 per 100; \$55.00 per 1000. Ready for shipment at once. M. A. Hunt Floral Co., Box 235, Terre Haute, Ind.

Nephrolepis cordata compacta, 2½-in., \$4.00 per 100. In 8-in. pans, \$10.00 per doz.; 10-in., fine, \$12.00 per doz. Cash, please. Carl Hagenburger, W. Mentor, Ohio.

Small ferns in choice assortment, out of 2 and 2½-inch pots, \$4.00 per 100. Cash. Geo. A. Rackham, 880 Van Dyke Ave., Detroit, Mich.

Adiantum, fine plants in 3-in. pots, very cheap, \$3.50 per 100; \$30.00 per 1000. Must be sold. T. E. Bartram, Lansdowne, Pa.

Boston Fern, a specialty, \$5.00 per 100; \$40.00 per 1000. Only orders booked. L. H. Foster, 45 King St., Dorchester, Mass.

Boston Ferns. Write J. Welsh Young, wholesale grower, Germantown, Pa., for prices.

Exaltata, upright, fine 3-in. plants, \$4.00 per 100. Beach & Chessman, Richmond, Ind.

A special in 5-in. Boston ferns. Write Geo. A. Kuhl, Pekin, Ill.

Japan fern balls, \$4.00 per doz.; \$30.00 per 100. Bobbink & Atkins, Rutherford, N. J.

FORCING PLANTS.

Spiraeas, extra large clumps, per 100, Japonica, \$3.50; compacta, \$5.00; astilboides floribunda, \$5.00; japonica aurea reticulata, \$10.00. Rhododendrons for forcing, 50c each; \$5.00 per doz. Well budded plants. Bobbink & Atkins, Rutherford, N. J.

FORGET-ME-NOTS.

Winter flowering, 2½-in., \$4.00 per 100; rooted cuttings, \$2.00 per 100. Greene & Underhill, Watertown, N. Y.

Winter-flowering, 2½-in., \$1.50 per 100. Morris Floral Co., Morris, Ill.

FRUIT PLANTS.

The reliable new Everbearing Peach, also the Elberta and other choice varieties. Japan Plums, all the most approved sorts. Select assortment of small fruits. Milford Nurseries, Milford, Del.

Grape Vines. Descriptive and price list free. Currants, Gooseberries and other small fruit plants. Extra quality. Warranted true. T. S. Hubbard Co., Fredonia, N. Y.

10,000 peach trees, general assortment. Will be sold at low prices in order to close out. C. L. Longsdorf, Floradale, Pa.

FUCHSIAS.

Fuchsia, Trailing Queen, \$1.50; fuchsias, assorted, \$1.50. Sun Ray, variegated, red, white and green, \$4.00 per 100. Greene & Underhill, Watertown, N. Y.

Fuchsias, in variety, in 2½-in. pots. Our selection, \$3.00 per 100. Cash with order. J. E. Felthousen, Schenectady, N. Y.

Rooted cuttings of ten of the best standard varieties, \$1.25 per 100. Cash please. Logan Ave. Greenhouses, Danville, Ill.

Fuchsias, 25 varieties, best sorts, labeled, single and double, \$1.25 per 100; \$10.00 per 1000. A. B. Davis & Son, Purcellville, Va.

The best sorts, \$1.50 per 100. Cash. South Side Floral Co., Springfield, Ill.

Winter blooming, 2½-in., \$2.00 per 100. Morris Floral Co., Morris, Ill.

GARDENIAS.

Gardenia Florida, from 3-inch pots, 8-10 inches, branched, \$10.00 per 100. P. J. Berckmans Company, Augusta, Ga.

GERANIUMS.

Have a few thousand left. S. A. Nutt, La Favorite, Richard Brett, Wilhelm Pfitzer, Jas. Garr, Marguerite De Layers, Mrs. E. G. Hill, Alphonse Riccard, Wonder, Grenoble, Rev. Atkinson, 2½-in. pots, \$30.00 per 1000; \$3.25 per 100. Rose geraniums; rose, lemon cuttings, \$2.00 per 100; \$18.00 per 1000. Mme. Sallerol, from soil, \$1.50 per 100; \$12.00 per 1000. Cash with order. J. E. Felthousen, Schenectady, N. Y.

Mrs. Parker, \$6.00; Happy Thought, Silver Leaf, 2½-in., \$6.00; Pollock, 2½-in., \$4.00 per 100. Rooted cuttings, dbl. New Life, Mrs. Parker, dbl. pink silver leaf, \$4.00; Happy Thought, Freak of Nature, Mrs. \$3.00; Mme. Bruant, \$2.50; Silver Leaf, rose scented, Bronze, \$1.50; Mme. Sallerol, \$1.25; assorted common, \$1.50; mixed, \$1.25; best varieties, \$2.00 per 100. Greene & Underhill, Watertown, N. Y.

5000 geraniums, only the best varieties, 2½ and 3-in., \$3.00 per 100. Will trade for Rex Begonia, pelargoniums, calceolarias or roses. B. F. Vandervate, Galena, Ill.

Geraniums DeRoo Mitting and double Snow Drop, 2½-in., \$7.00; Mme. Sallerol, 2½-in., \$3.00 per 100. Morris Floral Co., Morris, Ill.

Mixed, 3-in. pots, \$3.00 per 100. Cash with order. Carl E. Taube, Mercer Floral Co., Trenton, N. J.

S. A. Nutt, Grant, La Favorite, Hill and pink, 3-in., \$3.00 per 100.

S. Whitton, 15-17 Gray Ave., Utica, N. Y.

5000 2½-in. Paul Bruant, the best scarlet, \$3.00 per 100. Cash. South Side Floral Co., Springfield, Ill.

Only the best standard varieties, 2½-in. pots, \$2.50 per 100; \$20.00 per 1000. C. Otto Schwabe, Jenkintown, Pa.

We have the cream of the new geraniums. Catalogue free on application. N. Smith & Son, Adrian, Mich.

Mixed, from 2-in. pots, strong plants, \$2.50 per 100. S. D. Brant, Clay Center, Kan.

John Doyle and Hetheranthe, \$3.00 per 100. Cash. Jos. Lahr & Sons, Springfield, Ohio.

Geraniums, 16 var., 2½-in. pots, \$3.00 per 100. Cash. Jos. H. Cunningham, Delaware, O.

GLADIOLUS.

Gladiolus bulbs, write for prices. John Fay Kennell, Box 405 Rochester, N. Y.

GLOXINIAS.

Named varieties, as follows, \$4.00 per 100. Mont Blanc, pure white; Defiance, scarlet; Progress, red, white bordered; Patrie, violet, white bordered; also a limited quantity of Kaiser Frederick and Kaiser Wilhelm, the best varieties out. Bobbink & Atkins, Rutherford, N. J.

Gloxinia Crassifolia grandiflora, 50c per doz.; \$4.00 per 100; \$30.00 per 1000. Henry Dreer, 714 Chestnut St., Phila., Pa.

GREVILLEA ROBUSTA.

Robusta, fine heavy 3-in. plants, \$5.00 per 100. Beach & Chessman, Richmond, Ind.

HARDY PLANTS.

Deutzia Lemoinel. A grand improvement upon D. Gracilis, being fully three times as large, with the trusses of bloom more erect than in the original type. Strong one year old plants, \$1.25 per doz.; \$10.00 per 100. Weigelia Eva Rathke. A rich purplish red variety; the finest and brightest Weigelia in cultivation. Extra heavy two-year-old plants, 35 cts each; \$3.50 per doz. H. A. Dreer, 714 Chestnut St., Phila., Pa.

Hemlocks, fine quality, twice transplanted, 15 to 18 inches, \$50.00 per 1000. Beautiful Blue Spruce, Picea Pungens, 2 to 3 feet, \$25.00 per 100. I have all sizes and varieties of hardy Evergreens. Let me know your wants in the line of evergreens. I know I can please you. D. Hill, Evergreen Specialist, Dundee, Ill.

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American Elms, 8 to 10 ft., 1 to 1½-inch caliper. 25 elms, 6 to 9-inch caliper, fine specimens with well developed heads. Send for price list. Samuel C. Moon, Morrisville, Bucks Co., Pa.

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An immense stock of both large and small sized deciduous and evergreen trees and shrubs. Correspondence solicited.

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Rooted cuttings, \$1.25 per 100.

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S. D. Brant, Clay Center, Kan.

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Rosea, climbing or vining, fine for vases, \$3.00 per 100.

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Manettia bicolor, 2½-in., \$4.00; rooted cuttings, \$2.00 per 100.

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Gracilis, finest vase plant out, always in demand, 3-in., strong, \$4.00 per 100; 2-in., \$3.00 per 100. Beach & Chessman, Richmond, Ind.

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"	4	15-18	2-3	20.00	150
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I have to offer in assorted sizes some unusually perfect and symmetrical plants of *Areca lutescens* at following prices: 15-inch pots, 7 to 8 feet high, very bushy, \$25.00; 14-inch pots, 6 to 7 ft. high, very bushy, \$20.00; 12-inch pots, 6 ft. high, \$10.00 to \$15.00; 9-inch pots, 5 ft. high, \$5.00. Joseph Heacock, Wyncote, Pa.

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For Pansy Seed see under heading "Seeds."

Good plants, by express, \$2.50 per 500; \$4.00 per 1000. C. Soltau & Co., 199 Grant Ave., Jersey City, N. J.

Pansy plants, large flowering. 500 per 100; \$2.50 per 1000. Cash.

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Pelargoniums in variety from 2½-in. pots. \$4.00 per 100.

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15 best varieties of pelargoniums, \$2.00 per 100.

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Henderson's and Dreer's choicest varieties. Extra strong 2-in. pot plants, \$2.00 per 100; \$18.00 per 1000. Extra strong rooted cuttings, \$1.00 per 100; \$8.00 per 1000.

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Strong plants of double petunia in 3-in. pots, \$3.00 per 100. Cash with order. Carl E. Taube, Mercer Floral Co., Trenton, N. J.

Rooted cuttings of double and single petunias, mixed, \$1.00 per 100.

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Perle of Savoy, best white for vases, flower in profusion, 2½-in., \$4.00 per 100.

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Cuttings, labeled, 25 sorts, \$1.50 per 100.

A. B. Davis & Son, Purcellville, Va.

30 varieties, every one fine, \$1.25 per 100.

S. D. Brant, Clay Center, Kan.

30 varieties, mixed, \$2.00 per 100.

Morris Floral Co., Morris, Ill.

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New yellow Baby Primrose, 2½-in., \$7.00 per 100. Chinese, 2½-in., strong, \$1.50; *Obconica*, strong, 2½-in., \$2.00; 3½-in., \$2.50 per 100. From flats, strong, 50c. Chinese, in bud, and bloom, 3½-in., \$2.50 per 100.

Morris Floral Co., Morris, Ill.

For Easter blooming, 2-in., \$2.00 per 100. In bud, 2½-in., \$3.00. *Primula obconica*, 2-in., \$2.00; in flats, \$1.50.

Greene & Underhill, Watertown, N. Y.

Baby Primrose. A good thing for Easter, nice, 2½-in., in bloom, \$3.00 per 100; \$25.00 per 1000. John A. Doyle Co., Springfield, Ohio.

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Grafted roses, A No. 1 stock. Orders booked now. Bride, Bridesmaid, Golden Gate, Kaiserin, 2½-in. pots, \$12.00 per 100; \$90.00 per 1000. Own roots, wood from grafted stock only, Bride, Bridesmaid, Kaiserin, Meteor, Bon Silene, 2½-in. pots, \$3.50 per 100; \$30.00 per 1000; Golden Gate, American Beauty, 2½-in., \$4.00 per 100. S. J. Reuter, Westerly, R. I.

Rose cuttings. American Beauty, \$3.00 per 100; \$25.00 per 1,000. La France, \$2.00 per 100; \$17.50 per 1,000. Bride, Bridesmaid, Meteor and Perle, \$1.50 per 100; \$12.50 per 1,000.

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Rooted rose cuttings. Get new blood in your roses. Our cuttings this year are made from grafted plants and only the best wood used. Our prices same as others. Brides, Maids, Meteors, \$1.50 per 100. The new crimson forcing rose Liberty at introducers' prices.

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Bride, Bridesmaid, C. Souper, Etoile de Lyon, Climbing Meteor, Papa Gontier, \$3.00 per 100; \$25.00 per 1000. Cash.

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Field-grown, Prairie and Moss roses, \$7.00 per 100, extra strong. 2000 hybrid *Wichuraina* (Mandas), \$5.00 per 100; \$40.00 per 1000.

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Perles, Woottons, Kaiserins, Maids and Beauties, 2-in., now ready. Also first shifting in 2½-in. ready for 3-in. Write for price.

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Dillon's wholesale price list of grafted roses and roses on their own roots. Send for it.

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Crimson Rambler, strong plants, 3 to 4 ft., \$15.00 per 100; extra strong, 4 to 5 ft., \$18.00 per 100. The Conard & Jones Co., West Grove, Pa.

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50,000 standard roses, rooted cuttings, \$12.50 per 1000. Cash.

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Hardy roses in great variety.

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Manetti stocks for fall delivery.

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Salvia splendens, 2½-in., \$2.50 per 100; rooted cuttings, \$1.00 per 100.

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Salvia, rooted cuttings, \$1.25 per 100.

Greene & Underhill, Watertown, N. Y.

Clara Bedman, \$2.00 per 100.

Morris Floral Co., Morris, Ill.

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CLASSIFIED ADVERTISEMENTS—CONTINUED.

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XXXXSeeds. Verbena Grandiflora. The finest strain of Improved Giant Verbenas yet produced, largest flowers and best colors, per pkt., 800 seeds, mixed colors, 50 cts. Cyclamen Giganteum. The choicest Giant-flowering varieties in best mixture, pkt., 200 seeds, \$1.00; half pkt., 50 cts. Chinese Primrose. Best large, single and double, 500 seeds, \$1.00. Phlox Drum. Pumila. New, very dwarf, perfect beauties, excellent for growing in pots for Spring sales, mixed colors, per trade pkt., 20 cts. A pkt. of New Double Early-flowering Dwarf Vienna Carnation added to every order. John F. Rupp, Shiremanstown, Pa.

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Simple's asters, separate colors, crimson, lavender, pink purple, white. Betteridges prize quilled, mixed, at \$1.00 per oz. Giant branching Comet, rose pink, white, white stripe pink, \$2.00 per oz. Silver Tip, blue and pink, per trade pkt., 25c. Mignonette, Allen's Defiance, 50c per oz. Golden Machet, 25c per oz. Pure Machet, 25c per oz.

American Rose Co., Washington, D. C.

Vick's seeds for florists, all home-grown. Aster, Vick's Daybreak, pink, \$1.50 per 1/4 oz.; \$4.00 per oz.; Vick's Purity, white, \$2.00 per 1/4 oz.; \$6.00 per oz.; Branching Comet, white, \$2.50 per 1/4 oz.; \$8.00 per oz.; Vick's Branching, in white, pink, crimson, purple, each, 25c per 1/4 oz.; 75c per oz. Trade list now ready. Send for it.

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Johnson & Stokes, Philadelphia, Pa.

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From flats, 50c per 100; 2-in. pots, \$1.50 per 100. Cash with order.

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We have 25,000 rooted cuttings ready to come out of sand this week. They are all named and consist of the finest market sorts. Price, 60c per 100; \$5.00 per 1000. We prepay express on all orders for 1000 and over. Cash with order.

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Mammoth verbenas, large rooted plants, 60c per 100; \$5.00 per 1000.

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We have all the best, plenty of red and pink, 60c per 100; \$5.00 per 1000.

S. D. Brant, Clay Center, Kan.

60c per 100; \$5.00 per 1000; 5000 for \$22.00; 10,000 for \$40.00. C. Humfeld, Clay Center, Kans.

Dillon's wholesale price list is now ready. Send for it. J. L. Dillon, Bloomsburg, Pa.

VINCAS.

Major and Var., strong rooted cuttings, \$1.00 per 100.

South Side Floral Co., Springfield, Ill.

Major and Var., rooted cuttings, \$1.00 per 100. Cash with order.

Logan Ave. Greenhouses, Danville, Ill.

Rooted cuttings, \$1.25 per 100; \$10.00 per 1000; 4-in. pots, \$8.00 per 100; \$70.00 per 1000.

J. E. Felthousen, Schnectady, N. Y.

Major and minor, strong field-grown plants, \$1.00 per 100; \$7.50 per 1000.

James M. Lamb, Fayetteville, N. C.

Vincas, rooted cuttings, \$1.50 per 100; \$12.50 per 1000. Greene & Underhill, Watertown, N. Y.

Vinca vines, 2 var., 2-in. pots, \$2.50 per 100. Cash. Jos. H. Cunningham, Delaware, O.

Variegated vincas, 2 1/4-in., \$2.00 per 100. Morris Floral Co., Morris, Ill.

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Lady Hume Campbell, clean, no disease; rooted cuttings from sand, 60c per 100; \$5.00 per 1000. A. B. Davis & Son, Purcellville, Va.

Lady Campbell and California violets. Send for price list.

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Velvet plant, \$2.00 per 100. Mesembryanthemum erectum, California moss, fine for border or basket, Lycopodium dent., to fill in design work. Dusty Miller, Feverfew, Little Gem and Golden Leaved, all the above in 2 1/4-in. pots, \$1.50 per 100.

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Ageratum, three kinds, including Princess Pauline, 70c per 100. Alyssum, dbl., \$1.00 per 100. Lantanas, four kinds, \$1.25 per 100. Salvia, three kinds, \$1.00 per 100. Express prepaid and satisfaction guaranteed. Cash with order, don't send checks.

S. D. Brant, Clay Center, Kan.

Lemon Verbena, \$3.00, \$4.00 and \$6.00 per 100. Impatiens Sultan, 2 1/4-in., \$3.00 per 100. Rooted cuttings: Impatiens Sultan, \$2.00. Alyssum Giant, \$1.00. Fragrant calla, 2 1/4-in., \$1.50; 4-in., \$3.50 per doz. Mignonette, 2-in., \$2.00 per 100. Greene & Underhill, Watertown, N. Y.

Honeysuckles, Hibiscus Cooperi, Moon Vine, white and blue, Strobilanthes Dyerianus, 2 1/4-in. pots, \$3.00 per 100.

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Moon Flowers, from 2-in. pots, white and blue, \$2.50 per 100; \$20.00 per 1000.

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Oxalis floribunda, 2-in. pots, \$2.50 per 100. Cash. Jos. H. Cunningham, Delaware, O.

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Artificial and wax flowers and leaves.

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Colored plates, seed packets, engravings, etc. Vredenburg & Co., Rochester, N. Y.

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Cycas leaves, prepared, dull and glazed, the finest from \$15.00 per 100 up.

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Headquarters for southern wild smilax, 35-lb. cases, \$1.50; 50-lb. cases, \$2.00. My stock is first class, carefully selected, full cases. Orders by telegram filled same day received. Terms cash with order or satisfactory references.

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Galax leaves, green and bronze, 50c; leucothoe sprays, green and bronze, \$1.75; ferns, fancy, hardy cut, \$1.00; dagger ferns, hardy cut, 75c per 1000.

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Galax Leaves! Direct from North Carolina. Specially equipped for handling large orders. J. L. Banner, Montezuma, N. C. D. Robinson, Agent, Produce Exchange Bldg., N. Y.

Perpetuated palms. Low prices to florists. The right people, where the palms grown on the right spot.

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Prepared Tropical Palms and Cycas leaves. Send for catalogue.

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Round, oval, oblong, new styles, send for price. M. Rice & Co., Philadelphia, Pa.

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Red Towers Brand Bone Meal for florists. 100 lb. bag, \$1.75; 200 lb. bag, \$3.25; 1/2 ton, \$7.50; 1/4 ton, \$14.50; 1 ton, \$23.00. F. O. B. Bridgeport, Conn. Also Odorless Lawn Dressing. Terms, cash with order. Red Towers Greenhouses, Hackensack, N. J.

Pure sheep manure, the best that can be bought on the market. Also a large quantity of hardwood ashes, by the bbl., ton or car load. J. L. Elliott, Bethlehem, Pa.

Bone meal, made for my own use and for other florists who want a good article. Try a bag. Albert M. Herr, Lancaster, Pa.

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Violet, satin or plain tin foil.
Wire in stone or cut, best bright annealed.
Photograph albums.
Handkerchiefs, lace and paper. Violet and white.
Fancy cord, all colors. Cords and tassels, violet, pink and white.
Immortelles, all colors, first quality.
Cape flowers, white and colored, first quality.
M. Rice & Co., Philadelphia, Pa.

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Galax leaves. For latest prices bronze and green Galax leaves and Leucothoe sprays address the introducer.

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Mastica for glazing greenhouses. Proven superior to putty. Easier to apply and stays on. Not affected by extremes of weather. Endorsed by prominent florists. Send for descriptive circular of Mastica and Mastica glazing Machines. F. O. Pierce Co., Sole Manufacturers, 170 Fulton St., New York.

The Van Reyper Perfect Glaziers' Points. No rights or lefts. Price per box of 1000, 60 cts; by mail, 75 cts; in lots of 5000 by express, 55 cts per 1000. Henry A. Dreer, 714 Chestnut St., Philadelphia, Pa.

Glass for greenhouses, conservatories, hotbeds, etc. Also hotbed sashes and mats, paints, oils, etc. The Reed Glass and Paint Co., 456 West Broadway, New York.

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TOBACCO DUST, the black stuff, 2 cts per lb.; 50 to 1000 lbs.

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"Rose Leaf" Extract of Tobacco Insecticide, the best and by far the cheapest all-round insecticide on the market. For sale by seedsmen. For free pamphlet write The Kentucky Tobacco Product Company, Louisville, Ky., successors to Louisville Spirit Cured Tobacco Co.

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McKellar & Winterson, 45, 47, 49 Wabash Ave., Chicago.

Nikoteen. Does not injure the most sensitive plants. Endorsed by prominent florists. Used for fumigation or spraying, indoors or out. 200 lbs. of tobacco in one pint of Nikoteen. Sold by seedsmen. Circular free. Skabcura Dip Co., Chicago.

Nicomite (patent) Vapor Insecticide. A certain killer of insect pests. Sold by seedsmen. Tobacco Warehousing and Trading Co., Louisville, Ky.

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Standard Flower Pots. Our pots are of the best quality. We ship all goods from Cincinnati, guaranteeing lowest freight rates and prompt delivery. Write us before placing your orders elsewhere.

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OUR 1900 STANDARD FLOWER POTS. Better than ever. Send for Price List. Syracuse Pottery Co., Syracuse, N. Y.

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We are headquarters on Sphagnum. Just received several carloads.

Per Bale, \$1.00.

Six Bales, \$5.00.

Ten Bales, \$7.50.

Write for prices on large quantities.
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Your greenhouse should be protected from over-heating and from chilling. We can do it to your satisfaction and at a small cost. Send for testimonials.

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GRAND RAPIDS, MICH.

The continued bad weather has made it bad for the shipping trade, as trains have been badly delayed and shipments put on board the various trains never reached their destination until ready for the dump.

Flowers are scarce. In carnations the only variety in good supply is Scott. Roses all shy, although they are blooming more freely than last week. Violets are now doing finely. The demand for funeral flowers continues steady and uses up a quality of flowers that might otherwise find their way to the dump. Prices remain the same as when last quoted, except some grades of carnations, which have dropped a trifle, noticeably Scott and Daybreak.

Geo. Hancock, of Grand Haven, was a recent visitor. The Florists' Club intends holding a carnation meeting, possibly a banquet, at the Eagle Hotel some time in March. George Hancock has expressed a wish to have it held in Grand Haven, but while there is a general desire to agree to meet there, yet so many of the boys would find it difficult to get to the meeting if held there; so, in deference to the greatest good to the greatest number, the meeting will undoubtedly be held here as usual and a subsequent meeting at Grand Haven. G. F. CRABB.

ATLANTA, GA.—The park commissioners contemplate planting 10,000 roses in Grant Park.

WANT ADVERTISEMENTS.

Advertisements under this head 10 cents a line, an average of seven words to the line.

WANTED—A position in retail florist store. Experienced. Address D. W., care Florists' Review.

SITUATION WANTED—By an experienced grower of roses, carnations, etc., for wholesale or retail trade; 12 years' experience; age 35; single; salary, \$30 per month. Thoroughly reliable to assume charge. Address Rose, care of Florists' Review.

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I offer a first-class established Florist business for sale. Greenhouses well stocked with plants for the trade. 2,500 Carnations in bloom, etc. Street car goes to the door. Business established 1890. In connection own brick building, specially erected for down-town store, in the heart of the city, with four years' lease yet; 21 feet front, nicely furnished. Will take \$1,500 for the whole business complete, as owner must be in Germany in a short time. Write or wire. First come gets it.

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Plans for Gardens and Parks Drawn to Order, India ink or water color. Business advice in floriculture and horticulture. P. A. H., 500 33rd Avenue, Denver, Colo.

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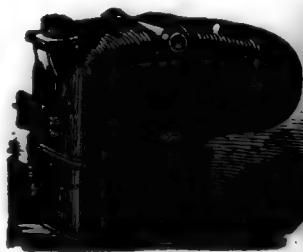
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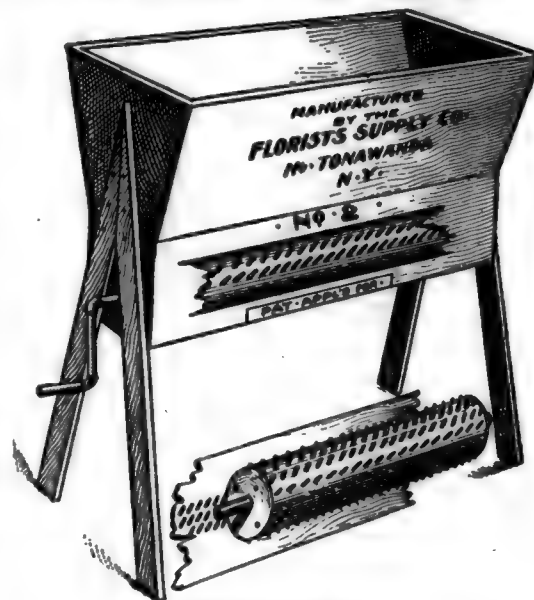
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THE FLORISTS' SUPPLY CO., North Tonawanda, N. Y.

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THE FLORISTS' MANUAL.

After reading Mr. Wm. Scott's Manual, we wish to say that we consider it without equal as a book of reference for busy florists.

GEO. M. KELLOGG.

Pleasant Hill, Mo.

Mr. Scott's superb work, "The Florists' Manual," was indeed worth waiting for. When compared with the amount of practical information it contains, the selling price, \$5.00, seems a mere bagatelle.

Oakland, Md. H. WEBER & SONS.

It is the best book of the kind ever published. There is more in it than in any other book I have ever seen. I am delighted with it.

Chicago.

JOHN THORPE.

The copy of the "Florists' Manual" was duly received. I am, very well pleased with same. The more I read it the better satisfied I am with it, and there are one or two articles alone in it that are each worth all you ask for the book, for everything is made so plain and all details are right to the point. I trust you may have a good and ready sale for the same.

M. S. WORDEN.

North Adams, Mass.

The only fault to be found with it is when you get reading it the midnight oil is liable to run low and you have to go on to gas or reluctantly break off, either going to bed or first taking a look over the houses to see if the temperature tallies with the Manual.

GEO. S. OSBORN.

Hartford, Conn.

We are in receipt of "The Florists' Manual" by Mr. Scott and may say it is the right book for the florist, published at the right time. It is what we all need.

BOBBINK & ATKINS.

Rutherford, N. J.

Am much pleased with the Manual. It is just what I have been looking for. Something that we can understand, and enjoy reading.

M. NAUMAN.

Etna, Pa.

I am very much pleased with the Manual. It is just what we have needed for a long time.

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It is certainly a neat and handsome book and does you credit.

BENJAMIN HAMMOND.

Fishkill-on-Hudson, N. Y.

It is a work of art and should be in the hands of all live florists. Its useful and instructive contents can not fail to be a benefit to all in the trade.

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The book is written for the working gardener, and Mr. Scott's reputation is so well secured that he will find among his gardening friends a host of genuine admirers. As a writer on practical gardening subjects, he is a recognized authority. * * * Mr. Scott has long been an employer and knows what information young gardeners, or those with little experience, need, and he has his whole subject so perfectly at command that he can give the most desirable and essential information in the clearest language and with satisfactory brevity. The book is a distinct and important gain to the practical garden literature of this country, and it should be in the hands of every gardener, and everyone else engaged or interested in ornamental horticulture. The price of the book is \$5, which seems somewhat high, but for useful information it is worth every cent of it.—Vick's Magazine.

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We find the book very useful as a reference in answering the many questions about plants that we receive almost every day.

Philadelphia. JOS. KIFT & SON.

Detroit, Mich., January 6, 1900.—Mr. Wm. Scott, Buffalo, N. Y. Dear Sir: The Commissioners of Parks and Boulevards some time since directed that a library be started of such books as deal with subjects pertaining to park work, and to that end, an order has been given for a number of books, among which is your "The Florists' Manual."

After reading this book carefully, I am greatly pleased, and wish to congratulate you on the practical manner with which you have treated the subject.

This book is placed where it will be accessible to all of our greenhouse employes, where this board expects to reap a reward many times the cost of the book. Respectfully yours,

COMMISSIONERS OF PARKS AND BOULEVARDS,

R. J. CORYELL, Gen'l Sup't.

I am more than pleased with The Florists' Manual.

OTT BROWN.

Cape May City, N. J.

Manual to hand. Am well satisfied that it is the best work of its kind ever published.

JAS. HARTSHORNE.

Joliet, Ill.

I am greatly pleased with the Manual.

C. J. REARDON.

Lake Geneva, Wis.

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THE FLORISTS' REVIEW

G. L. GRANT, EDITOR AND MANAGER.

PUBLISHED EVERY THURSDAY BY

THE FLORISTS' PUBLISHING CO.

520-535 Carlton Building, Chicago,

334 Dearborn Street.

Subscription, \$1.00 a year. To Europe, \$2.00. Subscriptions accepted from those in the trade only.

Advertising rates: Per inch, \$1.00; 1/2 page, \$15.50; full page, \$27.00. Discounts: 6 times, 5 per cent; 12 times, 10 per cent; 26 times, 20 per cent; 52 times, 30 per cent. Discounts allowed only on consecutive insertions. Only strictly trade advertising accepted. Advertisements must reach us by Tuesday to insure insertion in the issue of the following Thursday.

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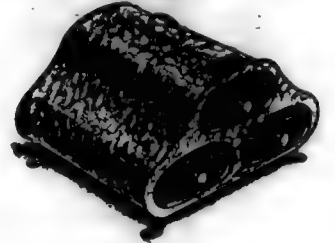
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DANVERS, MASS.—The trustees of the Danvers Insane Hospital have asked for an appropriation for a new greenhouse.

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Will Protect Plants from freezing in the coldest weather at the cost of one-half cent per hour.



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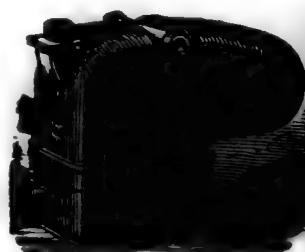
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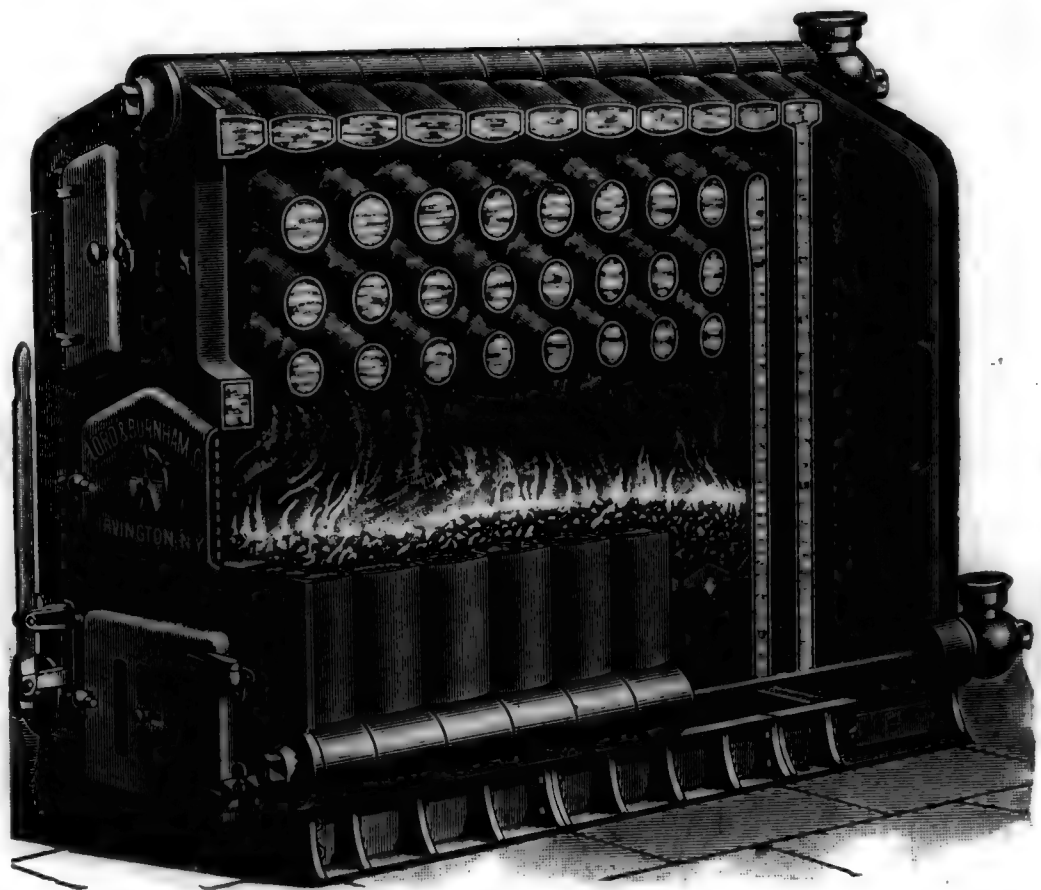
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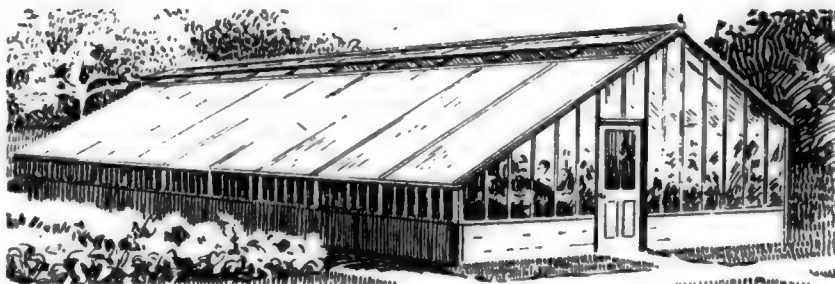
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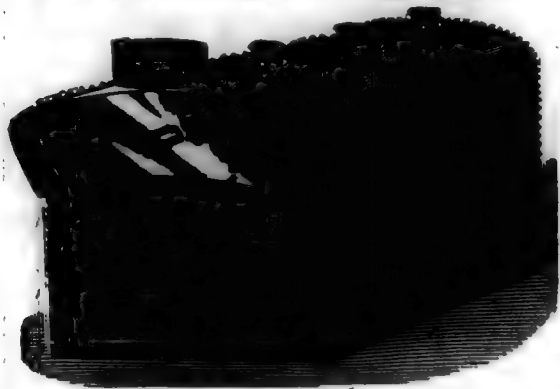
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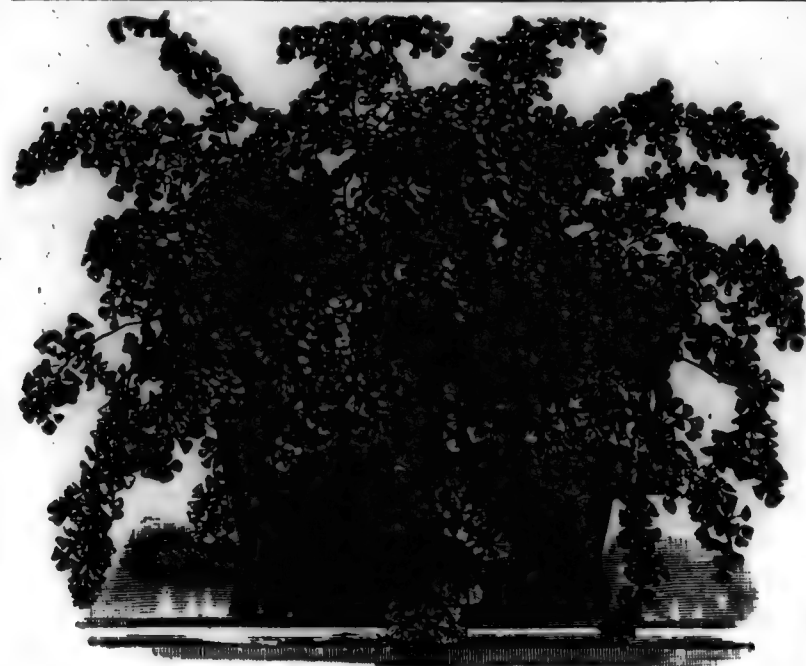
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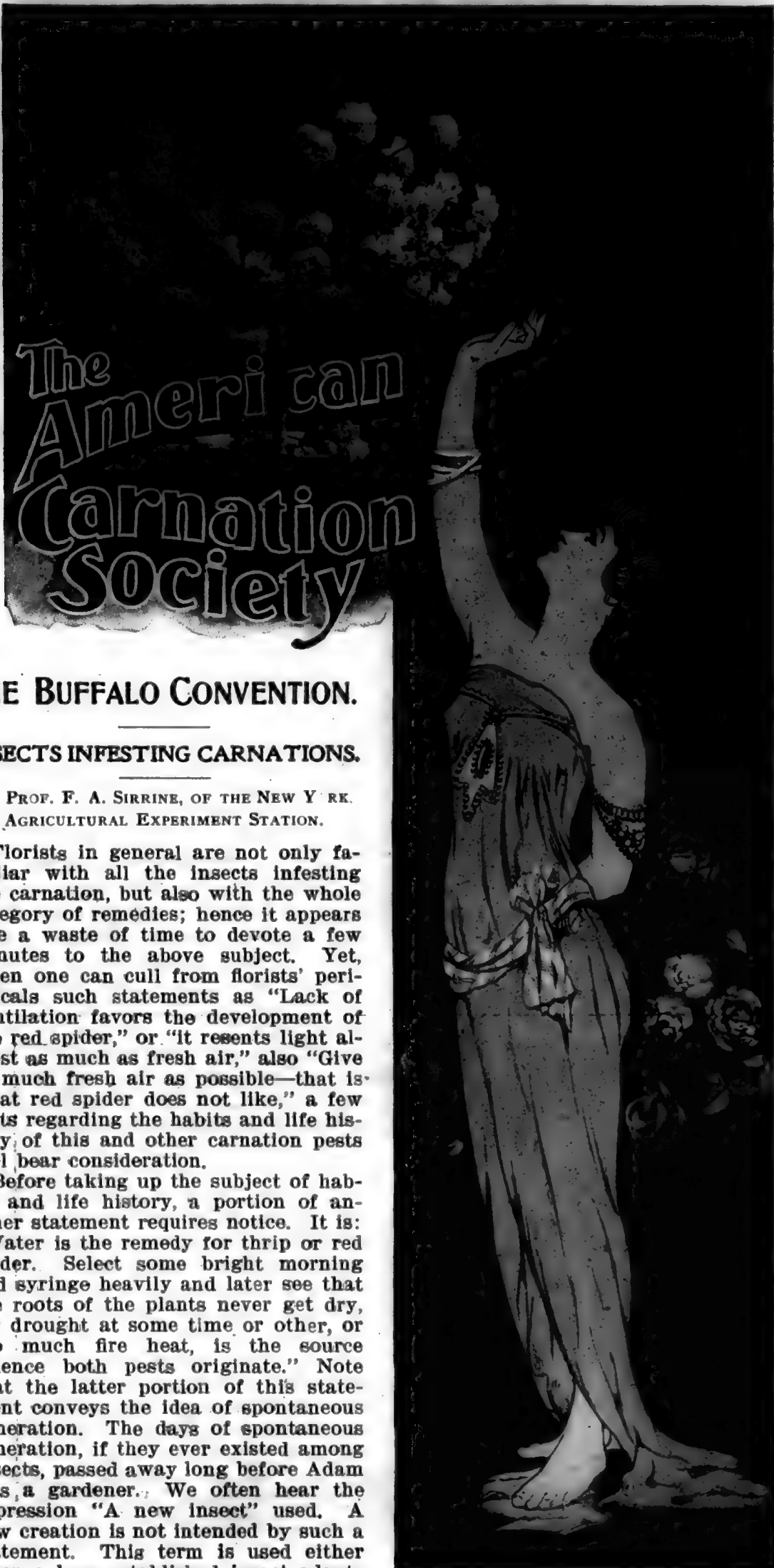
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THE BUFFALO CONVENTION.

INSECTS INFESTING CARNATIONS.

BY PROF. F. A. SIRRINE, OF THE NEW YORK AGRICULTURAL EXPERIMENT STATION.

Florists in general are not only familiar with all the insects infesting the carnation, but also with the whole category of remedies; hence it appears like a waste of time to devote a few minutes to the above subject. Yet, when one can cull from florists' periodicals such statements as "Lack of ventilation favors the development of the red spider," or "It resents light almost as much as fresh air," also "Give as much fresh air as possible—that is what red spider does not like," a few facts regarding the habits and life history of this and other carnation pests will bear consideration.

Before taking up the subject of habits and life history, a portion of another statement requires notice. It is: "Water is the remedy for thrip or red spider. Select some bright morning and syringe heavily and later see that the roots of the plants never get dry, for drought at some time or other, or too much fire heat, is the source whence both pests originate." Note that the latter portion of this statement conveys the idea of spontaneous generation. The days of spontaneous generation, if they ever existed among insects, passed away long before Adam was a gardener. We often hear the expression "A new insect" used. A new creation is not intended by such a statement. This term is used either when a long established insect adapts itself to new conditions, or it has succeeded up to the present time in keep-

ing out of the way of a "bugologist" with his long label and his still longer name with which he burdens it.

The insects infesting carnations may be separated for convenience into two groups—first, those which are nearly always to be found on the carnation, and, second, those which occur on the plants only occasionally, and then usually by accident. That is to say, we have resident and transient insect pests of the carnation. A subdivision of each of the above groups into "forcing-house" and "field" pests could easily be made, but all divisions are empirical and of value simply to avoid a discussion of each species alone. At this time only the "forcing-house" pests of the carnation will be considered.

In the first group may be classed the greenfly, red spider, and thrips; while in the second group we have the cutworms, cabbage looper (an undetermined webworm), the roseleaf tyer, the chrysanthemum leaf skeletonizer, Fuller's rose beetle, white grub, white ants, and a few others.

Greenfly.

The "greenfly" (*rhopalosiphum dianthi*). As the specific name indicates, this aphid was first found and described as infesting dianthus. At present it might be called polyphagous, as it is known to feed on nearly one hundred different varieties of plants.

This pest is so well known that a description is not needed, but a few words on its habits will not be out of place. Under natural conditions this species of aphid, like most other aphids which feed upon deciduous plants, deposits its eggs late in the fall, in which form it passes the winter, but, under forcing-house conditions this habit is entirely lost. Instead of the young hatching from eggs, they are produced year after year by a process of internal budding, which we call "agamic reproduction." That is, certain cells separate from the abdominal walls of the mother and develop the same as plant buds develop. These buds grow into small aphids and are deposited alive by the parent. No fathers are needed in this process and they are rarely produced.

With one exception, as far as known the greenfly never degenerates by being reproduced from buds, like strains of plants degenerate. We have the same kind of propagation in an insect as a florist practices with the variety or strain of a carnation. As most of you are aware, in the case of the greenfly this is not a slow process of reproduction. One mathematician has estimated that the offspring of an individual aphid can in one year amount to 210 raised to the fifteenth power, a number which is almost impossible to express in figures. If there were no checks to this method of reproduction "there would be room in the world for nothing else but aphids."

I have said that as far as known there is no loss of vitality on the part of the greenfly by the above method of

reproduction. At times the older specimens, which usually live only about three weeks, become inert and reproduce very slowly. Whether this is due to exhaustion or is a provision to carry them through unfavorable conditions is not known. Possibly it is a form of hibernation. This much is certain: tobacco smoke will not kill these individuals and they will stand hydrocyanic acid gas better than will the plants. Conditions which bring about this inert state are, exhaustion of the plant on which they are feeding, and frequent fumigation of the plants with tobacco smoke.

Not all the individuals of each brood develop wings, but under forcing house conditions winged females are produced in nearly every brood. This is necessary to prevent overstocking a plant. It also allows them to spread to all parts of the house more rapidly.

Red Spider.

Red Spider (*Tetranychus telarius*). Here we have another pest which needs no description, as it is already well known by all. The red spider differs slightly from the greenfly in its method of reproduction. Each brood hatches from eggs which are deposited on nearly all kinds of plants during every season of the year except winter, but, as with the greenfly, males are not always needed. The red spider belongs with the true mites, such as sugar and cheese mites, itch mites, etc. At the same time the mites form one branch of the spider family. The red spider spins webs, the same as all spiders, which are of special use in fastening the eggs to the leaf.

Judging from the clipping previously quoted, which claimed that the red spider originated from too much fire heat or drought, the life history of this pest is not all known. Under natural

conditions, at this season of the year, they are to be found on plants in the egg stage only. Their eggs can be discovered at the present time on many plants, both annual and perennial, living and dead, looking like mere red dots. The parent spider deposits these eggs in the fall, around the buds, under rough bits of bark, and even on the leaves which drop. During the latter part of April I have seen newly hatched young swarming over the grass under chestnut trees and traveling up the body of the tree in such countless numbers that the bark appeared to be in motion.

Ten days to two weeks are required before the first brood is developed enough to commence to lay eggs. After this period there is a new brood about once in every three weeks throughout the whole season. They thrive and increase rapidly while there is plenty of wind and bright sunlight. Excessive rains in May and June do not injure the eggs, but they have a bad effect on the young or newly hatched red spiders. They appear to get tangled in the wet webs and are not able to survive the chill which they receive. During extreme heat of midsummer the egg laying is sometimes checked, but usually they can stand plenty of heat combined with sunlight and air. Hence you see that naturally this insect thrives under conditions which are supposed by some to be adverse to them, especially in forcing-houses.

I have yet to see it proven that syringing plants with water has any effect on the adult insect. A few of them may be knocked from the plants by the force of the water, but they soon crawl back. I have observed that the best time to have apparent success with syringing of plants with water is to wait until a good many eggs are deposited, then apply the water with force. The old exhausted

red spiders are knocked from the plants and the result is that the plants will appear clean for a week or ten days—that is, until time for the new brood to hatch from the eggs.

The immature red spider can be distinguished from the adult by the fact that they only have three pairs of legs, while the adult has four pairs.

It is not known how many distinct broods of the red spider occur out of doors each year. In October, when the leaves commence to fall, males occur in the brood and the winter eggs are deposited. It is not known how often males occur under forcing house conditions. Their rate of increase is equal to that of the green fly.

Thrips.

THRIPS. Several species of this pest occur in greenhouses and attack nearly all kinds of plants. The species which causes the injury, usually found on "twittered" carnations, has been described as an "Onion Thrips," "Cabbage Thrips," and a "Tobacco Thrips." In the vicinity of New York city carnations are usually infested with this species. Before it was noticed injuring onions and cabbage in this country it was called Thrips tobacco by an European entomologist.

As this pest and its work are not well known, a full description will be admissible. Furthermore, from recommendations given in the Florists' Exchange for 1898, p. 1124a, quoted from Peter Henderson's "Practical Floriculture," this pest has apparently been confused with the so-called "rosethrips," which is not a thrip at all, but a leaf-hopper, one of the Jassidae.

The adult insects are winged and have six legs. Their wings, of which there are two pairs, are very thin, delicate membranes, fringed with long hairs. They are not able to hop, but



General View of the Carnation Society's Exhibition at Buffalo last Thursday and Friday.



A Table of New Varieties at the Carnation Society's Exhibition at Buffalo last Thursday and Friday.

they make short flights, which gives them the appearance of hopping like the rose leaf hopper. The larvae or immature thrips, both males and females, are wingless. They are of a light yellow color, while the adults closely resemble the soil around the plants.

The adult females deposit their eggs within the tissues of the plants upon which they feed. The time required for the eggs to hatch and the number of broods occurring each year is not known. This insect probably hibernates as adults and not in the egg state. They hide away under rubbish and under the rough bark of the plants on which they feed.

They usually attack carnations in the fall while the latter are in the field. Feeding as they do on the tender unfolding leaves of the plant, they may, in some cases, cause the twisting that is called "carnation twitter." The chances are that "carnation twitter" can be produced by any cause which checks the growth of the plants, and is rarely the work of thrips.

When the plants are transferred from the field to the forcing-house the thrips are taken along. As soon as the plants commence to throw flower buds the thrip will work its way into the latter, where he will be safe from all human attacks. Here it feeds upon the partially developed petals, not only distorting them but robbing them of their coloring pigment, so that the flowers not only have irregular white blotches on the petals, but often they do not open properly. In some cases the petals bleed to such an extent that flowers rot before they open. Not satisfied with making the flowers appear as if affected with leprosy, they deposit their eggs in the tissue of the inner or upper surface of the calyx.

Combating the Pests.

Before taking up the subject of controlling the three pests discussed thus far, we should know how they feed and breathe, also how they get into the forcing-house.

The greenfly is provided with a proboscis or beak-like mouth similar to that of the bedbug. With this it punctures the plants and sucks the clear sap or liquid from all the surrounding tissue. Usually the tissues of the plant are only slightly broken by the feeding process of the greenfly. The red spider and the thrips are both provided with biting mouth parts. They first bite open the cells of the leaf tissue and then proceed to lap or suck up not only the juices but also the coloring matter from the broken cells. These broken empty cells give the whitish appearance to the plants on which the latter pests feed. Hence, the small size of these pests, combined with their method of feeding, makes the use of poisons impossible.

All insects breathe by means of small openings called spiricals, which are arranged in rows on each side of the body. The spiricals connect with small tubes or arteries which divide and penetrate to all parts of the insect. Therefore, insects have air instead of blood circulating to all parts of their bodies. The closing of the spiricals with powder, washes, or with fumes of any kind suffocates the insect, and this is the only way we have of combating the above pests. With such small insects this is easier said than done. It is almost impossible to make the treatment thorough on such small objects.

All three pests can be carried into the forcing-house at the time the plants are taken in. The greenfly and thrips both produce winged individuals which can find their way into the houses by way of the ventilators. Red spider can be carried into the houses on cannas, dahlias, or any other plants

or bulbs which have some tops on them when stored under the benches.

The oft recommended remedy for greenfly and thrips is fumigation with tobacco or steam from tobacco extracts. Water is the standard remedy for red spider, and is often assumed to be good for thrips. I have yet to find the forcing-house which has once become infested with greenfly, and afterward fumigated weekly with tobacco in some form until it shows signs of nicotine poisoning, in which I cannot still find the greenfly hidden away in out-of-the-way corners. I doubt if ever an adult thrip was killed by fumigation of any sort. Unless the latter are very thick and crowded for feeding ground, they are hidden away in the folds of the leaves too well protected to be reached even by tobacco smoke. Up to the present time we have no safer method of controlling the greenfly on carnations than fumigation with tobacco smoke at time the plants are flowering.

Fumigation with hydrocyanic acid gas has been recommended for violets and in a few cases for carnations. I have tested the latter in various ways, making upward of fifty distinct tests on carnations. Plants that are flowering will be liable to be injured from the banking of the gas in the upper portions of the house. This gas is so much lighter than air and compresses itself into the upper spaces of the house to such an extent that, even though only one-half ounce of 98 per cent cyanide of potash was used for every 1,000 cubic feet, it banked enough to cause serious injury. The injury was not noticeable until about two weeks after treatment, and consisted of a whitened ring around the buds and a few white spots on the upper leaves. The former did not appear to interfere with the perfect development of the flowers. In the above case, where only one-half ounce of the cyanide of potash was used, the gas

was allowed to act all night. Although the plants were slightly injured, further work by the greenfly was stopped. Three days after treatment a few specimens were found still living. These apparently were old females that were through budding and in time died a natural death, as two weeks later not a living specimen could be found in the house.

As previously stated, syringing with water is usually recommended for red spider and thrips on carnations. Sometimes such substances as salt and water, also soap suds, are recommended. In addition, all patented insecticides, such as "Thrip Juice," "Nikoteen," "Rose Leaf Extract," "Antipest," etc., are warranted to kill both red spider and thrips. Nothing is ever said about the effect on the plants of the latter substance.

I think you will all agree with me that heavy syringing of carnations which stand eighteen inches high, with water, is anything but beneficial to the plants. If each grower would take the time to test water and some other substances side by side on the same bench of carnations on which the red spider has become established, he would prove to his satisfaction that such quantities of water injured the plants nearly as much as does the red spider.

I can see no difference in results between salt and water, and pure water. Both substances act as previously described, on the young at the time they issue from the egg; at the same time both substances favor the development of the rust and spot diseases on the plants.

Notice it is not claimed that water, salt, and the proprietary substances are of no use on any plants. Some may answer fairly well on plants other than carnations. I have used "Nikoteen" at the rate of one teaspoonful to a gallon of water, as a wash for thrips on ferns, with excellent results. But "Nikoteen" is vile stuff to put on any plant and should never be used on plants which, like carnations, have the foliage covered with a bloom. Besides, no substances can be made to reach the thrips after they have got into the carnation's buds.

I have used hydrocyanic acid on this pest, when on ferns, as strong as three ounces to 1,000 cubic feet of space, allowing it to act all night without injuring the thrips in the least. (We will say nothing about the condition of the plants.)

As far as tested, the best results from treatment of red spider have been obtained from the use of a soap solution made by dissolving one ounce of Ivory soap in one gallon of water, or in that proportion. All individuals struck with this solution were killed, and if the plants were not too heavily drenched, the bloom on the foliage was discolored but little. (Open flowers should be gathered before attempting to use the soap solution.) A home-made soap made of clean lard and the best potash lye would answer

just as well as Ivory soap. Fish oil soaps will kill the red spider, but they have the disadvantage of discoloring the foliage, and in addition give the plants a bad odor.

The Ohio Agricultural Experiment Station has shown that good potash soaps are fungicides, preventing "Leaf Curl" of the peach. (1 Bulletin 103, p. 186; also Bulletin 104, p. 202.)

Another measure which is absolutely safe to use on the carnation when flowering, and just as destructive to the red spider as water, or salt and water, is the ammoniacal solution of copper carbonate called "Cu-pram." This is a valuable fungicide which does not soil the foliage in the least. By syringing the plants twice a week with this solution, the required amount of moisture to check the development of the red spider can be furnished without supplying a forcing bed for rust and the spot diseases. It is made as follows: To one volume of 26 degrees ammonia add seven volumes of water. If one quart of ammonia is used, suspend five ounces of copper carbonate in the mixture of water and ammonia; cover, and allow to stand over night. For use, take one quart of the clear solution and add four gallons of water.

Where the thrips has once gotten a foothold in the buds of the carnation, the only method of controlling him is to carefully gather all the buds which show his work, before they open, and destroy them. No old soiled flowers should be left in the benches.

In conclusion, I would recommend the following measures to prevent and control the three worst pests that trouble carnation growers: If possible, select land that has grown corn or potatoes one year after being in sod. Avoid having old hedges and rubbish patches on the margins of the carnation field. (These harbor red spider and greenfly.) Never plant carnations under or around trees. (The latter harbor red spider.) Do not grow cabbage or related plants by the side of the carnation. (These furnish abundant crops of thrips.) At time of transplanting use heroic measures. First dip the plants in a soap solution, being careful not to get the solution on the roots. This solution can be made as already recommended, from Ivory soap, or from Good's potash soap, Owen's U. S. Standard caustic potash soap, or even from a home-made fish-oil soap. Of the latter, use one gallon of soap to 32 gallons of water. The home-made fish-oil is made as follows:

Caustic potash 1 pound
Fish oil 3 pints
Soft water 2 gallons

Dissolve lye in the water; then add oil and stir. Boil from twenty minutes to one hour.

As soon as the plants are established in benches, syringe thoroughly with the Ivory soap solution, giving a second treatment ten days later.

The above treatment should free

the plants of all three pests, but a later treatment may be needed for greenfly which have found their way into the house through the ventilators. If these are discovered while the plants are short and not flowering to any extent, fumigate with hydrocyanic acid gas, using one-half ounce of 98 per cent cyanide of potash, one ounce of sulphuric acid, and three ounces of water to every 1,200 cubic feet of space in the house. Allow gas to act all night. A week or ten days later repeat the fumigation. REMEMBER THAT THIS GAS IS ONE OF THE MOST DEADLY POISONS KNOWN; be sure the workmen realize this fact. After all the above precautions have been taken, do not store any plants under the benches.

The florist who becomes convinced that he must fight these three pests each fall from the start, will be the one who will have the best success.

Transient Pests.

The worst of these is the "Variegated cutworm" (*Peridroma saucia*), and the "Cabbage looper" (*Plusia brassicae*). The former, while small, is a climbing cutworm which feeds at night and hides in the loose soil during the day. This is one of the most common of the cutworms. It is found in nearly all countries, and usually occurs in forcing-houses more frequently than other cutworms. In color it is a sooty brown, with a yellow stripe mottled with red on each side of its body. The head is reddish yellow. The adult insect, or moth, is very indistinctly marked.

Many writers have assumed that this cutworm is carried into the house in the soil. The fact that they occur in forcing-houses more frequently than any other species of cutworms, combined with the fact that they are often found in considerable numbers in spots throughout a house, indicates that the eggs are deposited on the carnations by the parent moth, or "miller," after transplanting. The latter can easily fly into houses on cloudy days and early in the evening during the months of September and October. The young worms climb to the buds, eat holes through the calyx and then devour all the floral parts.

The caterpillar of the cabbage plant is a light green worm about one and one-half inches long, when full grown, which can always be recognized by its habit of looping the body when traveling. The moth, or miller, has mottled, dark brown head and wings. Two white spots on each forewing sometimes resembles the figure 8. The hind wings are slate color, varying to tawny, while the body is covered with gray and tawny red hairs. This pest, like the variegated cutworm, feeds usually at night, on the buds and in the same manner. During the day they attach themselves to a stem of the plant by means of their caudal legs and stand at the same angle as do the leaves. This habit requires sharp eyes to find them. They can be carried into the house on the



Vase of "666" exhibited at Buffalo, with some good sized blooms in the other vases around it.

plants, but usually the female moth finds her way into the house through open ventilators. They are on the wing all the fall, especially on cloudy days and late in the afternoon. Like the cutworm moth, they are able to lay two or three hundred eggs; hence one fertile moth can very thoroughly distribute eggs to all parts of the house.

The best means of combating either or both of the above pests is to hunt for the caterpillars at night with lantern, and hand-pick them. Although some have recommended the use of Paris green, it is impossible to get enough poison on the buds of the carnation to kill the worms. After the cutworms get too large to climb, a poisoned bait, made by mixing one part green arsenite with fifteen parts of middlings or dry bran, can be used to advantage. This should be distributed in small heaps around the plants where the cutworms are at work.

THE WHITE GRUB. As far as known, the white grub never occurs in the forcing-house, except as they are carried in with the soil. The only way to get rid of them is to dig them out.

THE ROSE-LEAF TYER (*Cacoecia rosaceana*), and the "Chrysanthemum Leaf Skeletonizer" (*Phlyctaenia ferrugalis*), sometimes occur on carnations where roses and chrysanthemums have been grown in the same house. These pests will attack the carnations after the other plants have been removed. When they are found work-

ing in a house, hand-picking must be resorted to.

A small green worm, probably a tertrid, which ties a number of leaves together with a web, is sometimes carried from the field into the house with plants. The adult of this worm has not been bred, hence its scientific name is not known, nor do we know what other plant it feeds upon in the field. Thus far it has been gotten rid of easily by hand-picking.

A fly, about one-half as large as the house fly, is frequently seen in carnation houses during the winter. This has been reported as feeding in the maggot stage on the roots of the carnation. I have seen flies very numerous in houses, but have been unable thus far to prove that they feed in the larval or maggot stage on the living roots of the plants. It seems more probable that they feed on the decaying roots only.

WHITE ANTS, OR TERMITES. (*Termes flavipes*.) This pest is apt to occur in old-style houses in which the woodwork has been allowed to become partially rotten, especially if worm-eaten locust posts are used to support the benches. White ants have the peculiar habit of keeping away from daylight. They always make covered runways, and usually find their way to the bench through a rotten or worm-eaten post. Houses that have brick or stone foundations and iron posts for the benches are not troubled with "White Ants," unless the latter are accidentally carried into

the house in the soil, a thing that rarely happens. When once established in a house, the only method of getting rid of them is to throw out the soil and remove all rotten woodwork.

Creosotes and other wood preservers can be used on the posts and bottoms of the benches, but such substances should be used with care on the outsides of the benches. I have seen houses of chrysanthemums severely injured by fumes given off by wood preservers. Probably this would only occur where such treated wood is subjected to considerable heat from too close contact to pipes.

FULLER'S ROSE BEETLE. I think this insect has never been reported as feeding upon carnations. In October of 1899 I received specimens of this beetle from Little Falls, N. Y., accompanied with the statement that they were feeding on carnations. At first it appeared a difficult matter to account for their presence in the carnation house, and at that season of the year. Inquiry developed the fact that in 1897-98 the house had contained roses in solid beds. During the fall of 1898 the roses were taken out, six inches of the old dirt removed and replaced with new soil, after which carnations were planted in the beds. In 1899 benches were built over the old beds without removal of soil from latter.

When first noticed the beetles were always found feeding on the plants along the margin of the benches. Probably the beetles fed during the grub stage on the roots of the roses, this being their proper food plant. In 1899, when they issued as adult beetles, they found nothing but carnations to feed upon. From all reports they were satisfied with the change. It was found that the beetles fed principally at night and hid away under the foliage of the plants during the day. They were gotten rid of by hand-picking at night.

When the reading of the paper was concluded, Mr. Scott asked if the formula given for hydrocyanic acid gas (which was much weaker than another he had seen recommended) was just as effective when the gas was left in the greenhouse over night as the stronger gas was when left in for only a short time. Prof. Sirrine answered that it was. Mr. Scott was glad to know this, as it made the use of the gas easier. He had found it quite a task to open the ventilators from the outside so as to allow the gas to escape at the expiration of the 30 minutes usually allowed, and it would simplify matters materially when the gas could be allowed to gradually dissipate and enable the operator to open the ventilators from the inside in the morning. The professor thought this would be safe if the doors were first left open for a while before a workman entered, but took occasion to again warn his hearers that the gas was deadly and that no chances should be taken.

Referring to the effect of the gas upon carnation buds, Prof. Sirrine said buds that were in the "cup" stage were more apt to be affected than those that were further advanced.

In a discussion as to the use of tobacco in combating greenfly, "Aphis Punk" received some very effective advertising.

The New Officers.

Pres., Robt. Halliday, Baltimore, Md.
Vice-Pres., Wm. Weber, Oakland, Md.

Secy., Albert M. Herr, Lancaster, Pa.

Treas., F. Dorner, Jr., Lafayette, Ind.
In our Baltimore notes will be found some mention of Mr. Robt. Halliday, the new president.

Wm. Weber is a son of Henry Weber, and a member of the firm of H. Weber & Sons.

Secretary Herr and Treasurer Dorner, who were re-elected, need no introduction.

The Proposed Joint Meeting.

In the discussion of the project to have the Rose and Carnation Societies meet at the same time and place, some serious objections were presented. It was accepted without question that the Rose society could not hold a satisfactory exhibition as early as February, as a good display of hybrids could not be made at that time, and the proposition to defer the meeting of the Carnation Society till March met with strong opposition.

The majority of the speakers thought that February was late enough; that growers who visited the convention for the purpose of inspecting the new varieties wanted to see them in mid-winter rather than later, and they wanted to make their decision as to varieties earlier than March.

The committee was continued and will confer with the officials of the Rose Society.

Sub-Irrigation.

Mr. Ward had not prepared any paper upon this subject and said that his experiments had not progressed far enough to enable him to come to any definite conclusion.

Time Limit for Staging Flowers.

A suggestion that the time limit for staging flowers entered for competition at the exhibition be strictly enforced brought out quite a discussion. The fact that exhibits were sometimes delayed in transit made it seem to work an occasional hardship to adhere too rigidly to the rule but it was pointed out that the majority were on time and that the misfortune of one should not be visited on all the others. And it was hinted that if things were continued wide open it was an encouragement to sharp exhibitors to purposely arrive late with their exhibits and thus bring freshly unpacked flowers in competition with those which had been exposed for several hours in an exhibition hall.

After much discussion and several amendments, it was decided to make 1 p. m. of the opening day the time limit for staging flowers for competition, and that the rule be then rigidly adhered to. Therefore, future exhibitors must have their flowers staged by 1 p. m. sharp, or their entries will be debarred from competition.

An exception to this rule was made in the case of seedlings exhibited for certificates only, and the judges are empowered to pass upon such whenever they arrive during the two days of the convention.

Action was also taken regarding entries of flowers for competition. It was finally determined that entries should reach the secretary by the Saturday preceding the exhibition. Entries may be made after that only by paying a fee of \$1.00 each.

The Scale.

The proposition to revise the scale was finally abandoned, and the scale stands just the same as before.

But a committee was appointed to formulate rules for the guidance of the judges and to report at the next meeting.

This action was taken on a motion by Mr. Rudd, who said that a definite standard would not only assist the judges, but enlighten exhibitors as to the methods by which the judges arrived at their conclusions. He believed that such a standard must be based upon existing varieties and that it must change from year to year. His views are fully explained in the article on "Judging Carnations," in this issue.

Keeping Qualities.

The attempt to cover keeping qualities in the scale was given up, but all recognized the importance of the matter, and various plans to get accurate information regarding the keeping qualities of new varieties were proposed.

One was that standing committees be appointed in all the large cities, similar to those of the Chrysanthemum Society, that these committees act in harmony with the local clubs which hold exhibitions, and that flowers sent for the purpose be watched by the committee for a long enough period to determine their keeping qualities. Exhibits were to be sent to at least four of these local committees, all of whom would report to the secretary of the Carnation Society.

Another suggestion was that three local judges be appointed at each convention to give a full report to the secretary on the condition of all flowers at the end of the annual exhibition. In this connection it was noted by one speaker that there was often a choice of positions in the exhibition hall. He had seen flowers that were in a draught from a window go to sleep much more quickly than some of no greater substance that were not in this draught.

The matter seemed too complex for

solution at one meeting, and the committee report was laid on the table for one year.

The Premium List.

The committee appointed to revise the premium list made very few changes. The Lawson gold medal and the silver medal will be offered again next year, and a bronze medal will also be offered, this for a dozen blooms of an undisseeded seedling. The sweepstakes competition will be discontinued. Mr. E. H. Michel will be requested to change the conditions under which his cup was offered and will be asked that the cup go to the exhibitor making the largest display at Baltimore.

The question as to what may be classed as an undisseeded variety seems to be still unsettled.

The Express Companies.

The express companies were somewhat vigorously handled and many grievances were related. It was suggested that a test case be made by some shipper who had suffered by the negligence or carelessness of the express companies and that the case be pushed by all the strength of the united membership unless the officials of the companies could be induced to promise redress without such action. A committee was appointed to take steps in the matter.

Notes.

The secretary was instructed to secure suitable clerical assistance during the time of the annual conventions and was authorized to expend the sum of \$50 yearly for the purpose.

A hearty vote of thanks was extended to Prof. Sirrine for his interesting paper, which appears in this issue of The Review. During the reading of the paper photographs of the various insects and of buds and plants affected by certain insecticides were passed around. These, however, showed nothing especially new, though they were undoubtedly interesting.

Messrs. Wm. F. Lauch, B. L. Elliott and Jno. L. Wyland were present from Pittsburg, in addition to Mr. Burki.

Genevieve Lord must possess good keeping qualities. The vase of blooms was a striking feature at the banquet on Friday evening, and the flowers were still holding their own finely, though many others were already "dreaming of home and mother."

Other Exhibits.

Besides flowers entered in competition there was a magnificent display of the standard varieties and many seedlings.

Among the prominent exhibitors were:

F. Dorner & Sons Co., Lafayette, Ind., showing grand vases of Morning Glory and a collection of seedlings.

John H. Dunlop, Toronto, vases of Mrs. Bradt, White Cloud, Glacier and a sport of Bradt.



A Vase of The Marquis exhibited at Buffalo.

W. J. Palmer & Son, Buffalo, several fine vases of standard varieties.

Miller & Son, Bracondale, Toronto, Lady Van Horne and Lady Minto.

Chicago Carnation Co., Joliet, Ill., some splendid vases of Jubilee, Bradt, Mrs. Jas. Dean, Maceo and several promising seedlings.

E. G. Hill & Co., Richmond, Ind., 100 blooms each of J. Whitcomb Riley, Mary Hill, Olympia, Ethel Crocker and 50 fine flowers of Leslie Paul.

J. N. May, a vase of fine blooms of Olympia.

Peter Fisher, Ellis, Mass., a grand vase of the famous Mrs. Thos. W. Lawson.

Wietor Bros., Chicago, vase of a pink sport of Armazindy.

T. J. Totten, Saratoga Springs, N. Y., vase of Young America, a very deep pink.

R. Craig & Son, magnificent vases of Melba, America, Ethel Crocker, Gomez and Maceo.

H. Dale, Brampton, Ont., G. H. Crane and Cerise Queen.

Wm. Fendley, Brampton, Ont., three good displays of violets.

C. W. Ward exhibited 1,000 blooms, among them Maceo, Gomez, Bradt, White Cloud, Governor Roosevelt and many seedlings.

The judges made the following supplementary report:

"Your committee also examined Kift's patent adjustable flower vase and plant holder and find it an exceedingly useful device for the arrangement of cut flowers and potted plants. Also a rubber-capped flower tube for

individual flowers, useful for keeping separate flowers in fresh condition when used decoratively."

"Also the Garland gutter, a great improvement for greenhouse construction."

Overheard Outside of the Meeting.

Any carnation with any calyx will burst. I had a crop of bursted flowers on Crane, but it was entirely due to an accidental lowering of the temperature of the house for a few days.

There is a large percentage of soda in carnations and this may be why we prefer nitrate of soda to sulphate of ammonia as a fertilizer.

The experimental work carried on by the professors in commercial greenhouses in charge of practical men is bringing some reliable and useful results. They are very different from the results of experiments conducted in small experiment station greenhouses run by men entirely unfamiliar with commercial methods and commercial conditions.

The coming into contact with the best men in the trade from all over the country, and the acquaintances thus made, are the chief value of the conventions.

The Banquet.

On Friday evening the flowers in the exhibition hall were used in the decoration of several lengthy dining tables and the visitors enjoyed a banquet tendered them by the Buffalo Club. It was a brilliant gathering, presided over by Wm. F. Kasting, while the toast-

master was no less a personage than William Scott.

The menu was all right and so was the menu card, a special design by Daniel B. Long, the cover having a spray of carnations and a buffalo embossed upon it, while the inside contained some French which was explained in English as "an attempt at hybridizing wit and common sense crossed with gastronomy." The many friends of Mr. Scott will no doubt be grieved to learn that he acted as a "Démonstrateur des Resultants." But whatever it was, he did it all right, and when introduced by Mr. Kasting he was received with three rousing cheers by the assemblage.

He welcomed the visitors in one of his inimitable speeches and expressed the hope that they would come again during the Pan-American Exposition next year. He was proud of Mr. Kasting, who had done so much to prepare for the entertainment of the guests, and added, "It will be a long time before he gets over this." He proposed a toast to the American Carnation Society and called upon President W. P. Craig to respond.

Mr. Craig thanked the Buffalonians for the efforts that had made the ninth annual meeting of the society so successful. He was much gratified at the progress shown and was sure all would enjoy Baltimore's brand of hospitality next year.

Mr. Wm. Weber responded for "Maryland, My Maryland." He predicted that the meeting in Baltimore in 1901 would be equal to any preceding one and promised every effort to insure its success.

Mr. J. N. May, responding for the S. A. F., said he questioned whether any other mother could point to so fine a looking and vigorous an offspring as the S. A. F. could in the Carnation Society. He noted that Thorpe's ideal had been nearly reached in "666."

Mr. E. G. Hill spoke for "America," and, while he was proud of being an American, he had a warm fraternal feeling for the brothers over the water, and this was second only to his ties at home. He hoped to see all at Indianapolis in 1902. He felt that exhibitors at the present meeting had not been treated fairly in that no one had been awarded 100 points. He told of an interesting hopeful at school who, when asked, "If your father were to give your mother \$5, \$20, and \$10, what would she have?" answered, "She would have a fit."

Mr. C. W. Ward said that between dead cats, aphids punk and Wm. Scott he had had a remarkably clean time. He said "America is the light of progress of the world and has produced some extraordinary men. In that category must be included Governor Roosevelt, of New York. A man who was born with a golden spoon in his mouth, but who abandoned a life of luxury to take up the most strenuous sort of a career, is certainly no ordinary man. And a man who can name a new carnation after him without getting a

badly swelled head is also no ordinary man." (Laughter and applause.)

He called for three cheers for the governor and they were given with a will.

Mr. W. N. Rudd looked very handsome when elevated on a chair and was received with various scriptural quotations. Referring to the entertainment feature of the conventions, he said Chicago thought it had fixed the scale so it alone could score a hundred, but there were some foxy people in Philadelphia and they had so maneuvered as to also score a full hundred. Buffalo now comes in with an ideal and fills out a century score.

He sympathized with Baltimore, who had such a fast pace set for her, but knew she would win out just the same. He emphasized the great value of the exhibitions to all the carnation growers in the country and was extremely sorry for those who were unable to come.

Readers will please refer to Buffalo notes for a report of the remainder of the addresses.

AN IMPRESSIONIST AT THE CONVENTION.

I went to the carnation show with my old friend Sam De Graw, who had never seen one before; and while Sam might not be able to write a thesis on parthenogenesis that would make the subject any more obscure than it now is, still he grows a few carnations himself, is of good, upright habit, and never bursts; and as he is a good observer and makes up his own opinions, I thought that some of his impressions of the show might be interesting to those of your readers who did not see the flowers, and possibly to some who did.

Sam says he had read about and been told about four-inch carnations so long that he would have faced six-inch blooms without flinching, and came prepared to protect himself with a pocket rule; but that the largest flower in the hall—No. 666—lacked a quarter of an inch of being four inches in diameter, and the next largest—Olympia—was half an inch shy; and a far greater number of the flowers on exhibition were below three inches than above.

Sam says that the point where the carnation of to-day is lacking most is in stem. The colors are fairly satisfactory, the flowers are large enough, and the hybridizers should direct their efforts to furnish stems for them that will stand upright under their heavy heads of bloom. Some of the kinds shown were very good in this respect, among which he includes Genevieve Lord, Elinora, and Mrs. Lippincott.

The color in many cases, while often odd and striking, is not always one that will be likely to please for a steady diet. The crimsons are too nearly black, the pinks are apt to have the fatal dash of purple, and the mottled, marbled, or shaded ones

are often unpleasantly irregular and uncertain. One bloom will have an undue amount of the darker color, or will have it mostly on one side, while at the other the flower will be too light colored and washed. This is one of the worst faults of Dailedouze's latest wonder. We have good scarlets, good whites, good pinks, and good variegated kinds, but we still wait for an ideal crimson and a clear, profitable yellow.

While Sam did some measuring, he did not count the flowers; but there certainly were enough, and after due deliberation he concludes that the most valuable of the newer named kinds, as they appeared in their party dresses at the show, are The Marquis, Mrs. Lawson, Genevieve Lord, Mrs. Lippincott, Olympia, Enquirer and Gomez; and there are a few promising whites and scarlets, some of the best of which have not yet been christened.

Sam says that the least desirable shape for a vase to show carnations in is the rosebowl style, and the best is the straight-sided cylinder, of just sufficient diameter to admit the stems.

All the exhibits in each class should be staged together and allowed to remain so during the show, giving visitors an opportunity to compare them.

Sam says that he has taken occasion more than once to condemn the scoring or scaling plan of judging, and wishes to do so again. If Enquirer was entitled to 100 points at Chicago, there were some kinds shown at Buffalo that should have 115, and when you get to adding ledger lines above the staff and guessing how many points better than perfection any kind is, you will perhaps begin to realize the absurdity of the whole business. The correct way is to judge by comparison, and the men who assume to apply a scale of points are only doing this and calling it scoring.

If six vases of fifty blooms are competing for a prize, any man fit to judge can readily tell which is the best—and what more is needed? The society might properly insist that its judges must see that prize-winners possess certain qualities, as, for instance, strength of stem, but a capable judge will not need such instruction.

As he has said before, good judging can only be done by good judges, and any man who does not confine himself to the specimens he judges, but tries to give prizes to as many competitors as possible, is not fit to judge.

Sam looked into the convention room, but so many were smoking during the proceedings that he thought it was a smoker, and, not wanting to fumigate any more than necessary, he came away; but he always was queer.

Sam says that the meeting with old acquaintances and the forming new ones gave him as much pleasure as the chance to study the flowers, but that Dailedouze, and some others, should get their names cut, or furnish their friends with a key to their pronunciation.

W. T. BELL.

Franklin, Pa., Feb. 17, 1900.

JUDGING CARNATIONS.

The controversy over the methods of judging carnations goes bravely on. Some condemn the method of judging by a scale of points, others the way of applying the scale. Some hold that the awarding of 100 points implies perfection, and others that it does not necessarily mean this.

What is a scale? It is merely a measure, just as a foot-rule or a yard-stick is a measure; and the differences in results are largely due to the fact that we have not yet all agreed as to the length of an inch, or other division of the measure. In other words, we haven't any fixed point to work from. The proposition to agree upon an ideal and measure down from it has several fatal drawbacks. Who can say what the future may hold? Our ideals have changed radically during the last decade, and it must be a bold man who will fix absolutely the limit which we may be expected to reach.

Unquestionably the safer way will be to select our ideal, or standard from which to measure, from existing forms. We can do as a painter does when he portrays an ideal female figure. He takes a head from one model, an arm from another, a hand from a third, a foot from a fourth, a neck from a fifth (and sometimes more than twenty models are used), and so on. No figure in nature is absolutely perfect, but perfect details are comparatively common. By putting these perfect details together, the artist creates a perfect figure, according to his conception of what perfection is. Two artists will rarely agree with exactitude, but if they are worthy the name they will not be so very far apart.

In this way we can construct an ideal that is exact and definite and therefore easy to use as a point to measure from, and one, by the way, that will not be at all too easy to reach. It will be adaptable to all conditions and will keep step with the march of progress.

We now have a carnation that is full four inches in diameter. It is not a dream—it is a reality. Let any new carnation of equal size receive the full number of points for size. When we get a five-inch bloom (if we do), that will be the size required to win the full number of points. This matter seems easily settled.

As to calyx, Mr. Dorner believes the Albertini type to be nearest to perfection. As Albertini is now not widely grown, it may be well to mention that the calyx of Bradt is somewhat similar.

As to stem, both Mr. Dorner and Mr. Rudd agree that the stem of either Lawson or Jubilee is the best.

In regard to form, there is some opportunity for argument, as tastes may differ. The two gentlemen above quoted thought that the form of the new crimson sort, Gov. Roosevelt, was very close to the ideal. Cerise Queen has a somewhat similar form,

though not so good as Roosevelt. Mr. Rudd favors those flowers in which the petals are nearly all at right angles with the calyx and the flower built high enough so that a side view shows almost a half circle over the top. Flowers with petals such as above described are favored because they give as fine an effect with fewer petals, and the fewer petals there are the less the strain on the plant and the more profitable the variety, other things being equal. Olympia has this style of petals, but the flower is too flat to fully meet his ideal of form. He finds that petals with smooth edges are more apt to cup than those that are fringed and likes to have them notched to some extent, but not too much.

In fragrance, Mr. Dorner thinks that

equal or superior to that of Daybreak. The size must be four inches or more in diameter. Calyx of Albertini type. Stem equal to that of Jubilee. Substance equal to that of Daybreak. Form similar to that of Roosevelt or Cerise Queen. Fragrance equal to that of Albertini.

At Chicago, Enquirer scored 100 points; at Buffalo, 88 points. But presuming that both sets of judges were working by the above described standard, part of the difference would be explained by the fact that the Chicago judges had not seen "666," while at Buffalo it filled the eyes of everyone, and the judges couldn't possibly give Enquirer the full number of points on size with that immense triple six in the hall. At Chicago, Enquirer was as large as anything else in the

the hotel, nor the business sessions in the ladies' parlor. The former was in a large hall adjoining the hotel, and the business sessions in the colonial parlors. But how near it all came to a calamity! "The best laid schemes of mice and men" were nearly ruined this time, and if that basement fire had progressed a little farther, where would we have been at?

As one who has been intimately connected with the last four or five exhibitions, I can say that this one, both in quantity and quality of flowers, surpassed them all, and what was quite as gratifying, especially to the local men, was the large attendance from all parts of the country. The worthy mayor of Buffalo is not famous as an orator, but he did well, and so did Mr. May in his graceful reply and striking illustration of the evolution of the carnation.

Those talks on planting and ventilation are getting down to the very practical side of the business, and punk and dead cats are all a part of the business. Dull, indeed, is the man who is not benefited by the exhibition and the remarks of the men assembled. It is not alone at the business meetings that the good things are said, but in small detached groups many weighty matters were doubtless discussed.

We are much pleased that so many of our good people saw the wonderful flowers. If the show had been on the ground floor we should have been overdone with patrons. The flowers were a revelation to thousands. C. F. Christensen nodding to Charles Weathered, or George Fancourt smiling down at Bobby Bard is an ordinary sight; but a Marquis beaming at Mrs. Lawson, or Adonis blushing scarlet at Genevieve Lord, was never before witnessed by the oldest inhabitant.

Those most interested of the local men had some apprehensions about the entertainment till we all sat down, and from that moment there was none. The free and easy air which we so desired pervaded all, and it was a go. Mr. Long's artistic souvenir menu card was much admired and every member pocketed the same.

As your correspondent left before the program was well started, I will endeavor to give you a brief account of the "exercises." Under the head of coffee and cigars President Kasting, of the local club, called for order, and expressed himself as delighted "to see you all," and introduced one of the local members, W. Scott by name, as toastmaster. This man Scott is gifted with but a small allowance of eloquence, but makes it up with a loud voice, and, being quite bald, with a bushy mustache, he commands obedience and attention far more than his true meek and retiring nature would supposedly warrant. He asks for mirth between acts, but polite attention to the speakers and soloists, and with a few later admonitions he was respectfully obeyed. Speakers were told that they were not expected to adhere to their toasts, and many of them got as far away from it as they could.



New Crimson Carnation Gov. Roosevelt shown at Buffalo.

Albertini can safely be taken as the measure of progress to date.

In color we meet trouble. Each color should really be classed by itself. In light pink, Daybreak at its best might be taken as a standard. In dark pink, Cerise Queen. In white, Flora Hill. In scarlet, Jubilee at its best. In crimson, Maceo. Color might with advantage be further subdivided.

In substance there should also be classes. The yellows are all possessed of a large degree of substance. Pingree and Nugget could be taken as the standard in yellows. In whites, Mary Wood, or Flora Hill at its best. In pinks, Daybreak.

But whatever standard or standards we adopt, discriminating, well informed and careful judges must be employed. In this, as in everything else, experience counts heavily. The personal equation can never be eliminated, though the adoption of a universal standard will undoubtedly help to secure more uniformity in the work.

Let us now attempt to form an idea of an ideal light pink carnation by this standard. The color must be

show, and there were some most excellent blooms there, too.

However, let us all adopt some definite standard to judge by, and we believe nothing better can be devised than one based upon the principle mentioned above.

BUFFALO.

The trade papers have given a full account of the carnation convention, even to the potpourri of Friday evening, and perhaps we cannot add much of interest. It seemed to us that it only ended last night, for stragglers were slow to leave. John Evans, of ventilator fame, was the last to leave for his native Indiana drifts.

It is with nothing but unqualified pleasure that the local men look back at the carnation convention and all its doings. We are especially pleased that it was pronounced a success, because we took the convention away from Baltimore, and if Buffalo had not taken care of the exhibit we should have richly deserved censure.

Just let me say here that the exhibition was not held in a large room of

Mr. Wm. Craig spoke most sensibly and feelingly of the good work of the society, and as the toastmaster took the liberty of remarking, when this young man has the blessings of experience he will be a rival to his illustrious father in oratory, and that is saying an awful lot, for Mr. Robert Craig is undoubtedly the orator in every sense of the word of the horticultural world of North America.

Mr. Wm. Weber, of Maryland, promised a hearty welcome for the society at Baltimore. Mr. Weber is too well known and such a sterling man that no words of mine can add luster to his good name.

John May responded for the S. A. F. and found plenty to say for our parent, and, as usual, said it well.

Mr. E. G. Hill spoke of America and particularly that part that produces Hoosiers. E. G. seemed in unusually good spirits and kept all laughing. The portly duchess had just previously sung; that accounted for his lightness of spirits.

C. W. Ward was to answer to "Greenhouse Odors," but wandered off into the Empire State and spoke of Governor Roosevelt and things in general. He, like the others, was at his very best key.

The toast assigned to Mr. Rudd failed to reach his ears, and after ten minutes of very lively talk he told the chairman to call his speech "Ventilation or Wind."

Our Mr. C. Keitsch spoke ably of exhibition management. Mr. Gamage, of London, Ont., responded finely and eloquently for our neighbors across the Niagara. Then Mr. Marquisee, who is quite a gifted talker, responded to "The Mascot." He knows that the Marquis is a mascot and told several capital stories.

The "grand Lawson medal and the Chicago Carnation Co. cup were presented to Mr. Dailledouze, who, among other things, said he intended to do it. Mr. Witterstaetter said he was no hog if he had taken two medals, and the applause that the presentation brought out shows how popular Richard is.

George E. Fancourt announced that he had some highly interesting telegrams to read, which he did in effective style. They were all from most prominent people and all in sympathy with the carnation. Joseph Chamberlain stated his intention to give up orchids and go into carnations. Lord Roberts meant to encourage their cultivation in South Africa. Oom Paul was fascinated with carnations, but could not embark in their cultivation till his place of residence was fixed permanently; and several others quite as good.

The temperature of Mr. Miller, of Toronto, has risen several degrees by the influence of what occurred on the stage. We thought he was ready for a speech, and to miss him would have been a great misfortune. The sentiments he expressed in regard to our country and his were truly eloquent and rendered in his polished Oxfordian diction; he's a little dandy and everybody said so.

Now, you must not think that all this oratory was kept up in a steady stream. There was any amount of local talent, most of it very good. There was a song or sketch between every speech and more often, two.

We must not forget to mention Mr. Dumont, the commission man, of Philadelphia, and sparring partner of Billy Craig. He is a singer worth listening to.

There were no accidents and few regrets; among the latter was that all could not see it out. Another was that Robert Craig did not feel well and had to decline giving us his welcome presence. We regret very much that our worthy W. J. Palmer, Sr., also was not with us.

We have no regrets for those young society florists who absented themselves. They ought to know better. For the half dozen florists who stayed away for no possible excuse except that it would be late, possibly, or Sarah thought I better not, we have only pity. We regret that after the first appearance of Lady Fitzwilliam, the Italian countess, Billy Kasting and Phil Scott couldn't keep their seats for thirty seconds at a time. It is also lamentable that elderly men like Dillon of Bloomsburg, Mansfield of Lockport, and Miller and Dunlop, of Toronto, must always think it proper to take seats very near the footlights when petticoats occupied the stage.

Now, reader, don't think from what I have said that there was anything the least improper during all that evening, for there was not. It was four or five hours of good fun and no dull moments, and if our friends went away with pleasant memories, we are more than delighted.

W. S.

ST. LOUIS.

The Market.

St. Valentine's day was exceptionally good. Most of the florists report good trade and the commission men say the same. The only drawback was that stock of all kinds was very scarce and good choice stock was away up in price. Shipping trade was good, with plenty of orders turned down for want of flowers. Never before has stock been so scarce and prices so high at this season, and certainly the grower will have nothing to complain of as to price.

The weather has been very cold the past week and Saturday was our coldest day of the year. The automatic register at Shaw's Garden showed 3 degrees below. Quite a lot of flowers came in to the commission houses frozen. Large quantities of violets are coming up from the South, and by next week, should we have bright weather, the violet market will go busted and the retailer will be able to buy them at about \$3 per 1,000.

The West End florists report that this week quite a lot of weddings and social events will take place, owing to

the approach of lent, which begins March 1; after that business will be rather dull with them until Easter.

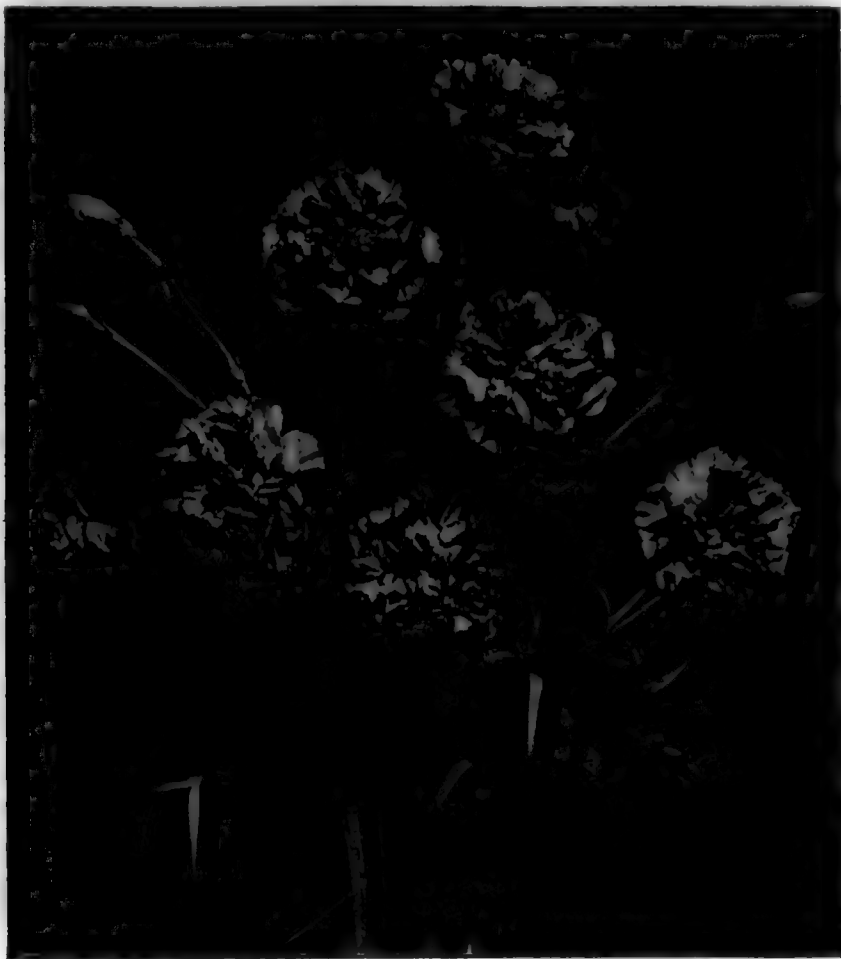
Prices.

Prices on choice roses the past week were: American Beauties, from \$3 to \$6 per dozen and very scarce at that; a few short-stemmed ones could be had at \$2, but only the first-class ones have any call. Other roses have improved in quality. Brides and Maids sell from \$5 to \$12; Woottons and Perles, \$4 and \$6; Meteors are much better in color and choice blooms find ready sale from \$5 to \$12. Carnations are coming in better than ever, but only in small quantities. The fancies and all the better grades of the commons are finding a ready market. There has been no overstock of this flower for some time and the prices have held up better than ever before. Whites have the call and Daybreak and Scott are decidedly the best. Henry Aue, at Lindenwood, is sending in some fine Eldorados. The fancy grades bring as high as \$4 per 100, but the bulk is sold at from \$2 to \$3. As stock is very scarce, any color sells, and none are left after the morning's sales are over. Bulb stock is not over-plentiful, as it usually is at this time of the year, and Romans, paper whites, Dutch hyacinths, valley, daffodils and tulips have a good demand and bring from \$3 to \$5 per 100; Harrisii are in good demand and bring \$12.50; callas, \$10 and \$12.50; southern violets sell for 10 cents per 100, home grown for 25 cents; Californias are coming in fine and are plentiful at 40 cents per 100, doubles at the same price. Plenty of smilax to be had at \$12.50, but the demand the past week was slow.

The weather has opened up this week bright and warm, and if it keeps up stock of all kinds will be more plentiful by the end of the present week. The early spring glut is bound to come, and by the end of the month we will see it at its height. A glut is a bad thing in one sense of the word: flowers of all kinds are bought at your own price and some of the large stores down town put signs in their windows and sell flowers at starvation prices. This cannot be said of the West End florists. They keep up the price, glut or no glut. This could be done down town, too, and they could sell just as many flowers at the regular price as the flower-buying public will buy (if they really want them) at the regular price, as they know nothing of a glut and should not know.

Notes.

Visitors in town this week were: A. L. Vaughan, the popular western representative (with headquarters in Chicago) of Hagemann & Meyer, New York. Mr. Vaughan reports that never has he sold so many bulbs as this year. Mr. Vaughan has a good word for the Review. It is read by all and is considered the best trade paper published. W. Rolker, of New York, was also a visitor.



New Pink Carnation Enquirer.

The annual rose meeting is to be held in conjunction with the regular meeting of the club on March 8. The trustees say that an essay on rose growing will be read by a prominent member of the club. A few of our local growers will compete for the prize of \$5 for the best fifty roses, one or more varieties, American Beauties excluded. Return of tickets for the euchre must be made at this meeting without fail.

Bowling.

The Junior Florists' Bowling Club is still rolling every Tuesday night and is improving each week. The election of officers last week was as follows: James Arado, president; George Augermuller, secretary, and William Holtz, treasurer. The boys are thinking of rolling another match game with the older club.

The Bowling Club had a pleasant time Monday night and rolled four games. Seven members were present, also our old friend A. L. Vaughan, of Chicago, who rolled five games, making an average of 157. The scores were as follows:

	1	2	3	4	Tot.	Av.
C. A. Kuehn.....	139	161	146	175	621	155
J. J. Beneke.....	163	130	125	156	574	144
J. W. Kunz.....	131	169	112	148	560	140
C. C. Sanders.....	158	107	130	152	547	137
F. C. Weber.....	153	113	127	136	529	132
E. Schray .....	...	113	115	134	362	121
F. J. Fillmore....	...	110	117	114	341	114
A. L. Vaughan....	159	190	145	137	629	157

J. J. B.

VIROQUA, WIS.—Fred Rekhart recently shipped ten car loads of clover seed from this point in one day.

NEW YORK.

An average of twelve inches of snow fell in New York City, Feb. 17th, so we are at present wrapped in the mantle of winter. As may be expected, business in general got a solar plexus from which it is slowly recovering. Next week Lent comes to stay with us for quite a while, and when it goes away the bright days will follow.

Easter stock is a cause of anxiety to many minds; let us hope calculations both as to time and returns will come out satisfactorily.

Stragglers from Buffalo are loud in praise of all that transpired in connection with the carnation. It must have been a good show.

We hear rumors of several important changes among the seedsmen, but we'll leave it alone till the weather clears for reasons.

Mr. Editor, we often feel how good it is to be a free-lance; entangling alliances are bad for pens; we pity the poor devils with mortgaged hearts and souls, especially when they are supposed to represent the florists' trade papers.

Thomas Young, Jr., has leased the fine new store adjoining his present one; they will be connected on the inside. This makes Mr. Young's store the largest and handsomest wholesale florist's establishment in New York City. The facilities for handling and shipping of flowers are both extensive and up-to-date, and the best of stock can be seen at 41-43 West 28th St.

The semi-annual meeting of the New York Florists' Bowling Club will be held at the alleys, 57th St. and 6th Ave., at 8:30 p. m., Monday, Feb. 26th. The officers of the club particularly request the attendance of members, and those wishing to be, as business of the utmost importance will be considered.

The general committees in connection with S. A. F. Convention will meet that evening in the Florists' Club's rooms, at 7:30, but the sporting fraternity wish it understood that all are expected on the alleys later in the evening. Scores rolled last night were:

Burns	152	140	137
Hafner	131	125	116
Shaw	115	109	103
Marshall	136	138	147
Lang	147	142	153
Siebrecht	116	131	108
Traendly	146	151	118
Steffens	138	143	100
Schenck .. .. .	...	...	136
Donlan	137	125	116

The Flatbush boys are duly warned to be in good condition for the 1st of March.

Mr. and Mrs. J. C. Vaughan are in town. J. I. D.

CHICAGO.

The Market.

The supply of roses has somewhat improved, but demand for first-class stock is good and prices on same have held up very well. Good teas bring \$6.00 to \$8.00, and some sales of extras are made at \$10.00. Rates are a trifle easier than before on lower grades. Beauties are also showing up more freely, and the extra long bring \$5.00 to \$6.00 a dozen.

In carnations, fancies bring \$3.00 to \$4.00, and occasionally \$5.00; ordinaries go at \$1.50 to \$2.00. Good carnations have been in brisk demand all winter, except for about ten days after the holidays, and though the supply is increasing, prices hold up well. Those that have suffered at times have been the poorer grades. At date "Punk" carnations are plenty and sell at 80 cents to \$1.00 a hundred.

No. 1 violets now average 60 cents to \$1.00 a hundred, and poorer ones go at most any old price. We hear of lots being cleared out at as low as 4 cents a bunch. Bright, cold weather always chills the violet market. The bright sun brings out the supply and the cold weather checks sales, as the great bulk of the flowers are bought to wear on the street.

An accumulation of miscellaneous bulb stuff was cleaned up Monday, but the supply is coming faster all the time, and there are tulips "to burn."

The coming Mardi Gras festivities in New Orleans will undoubtedly make heavy demands upon this market, but we believe there will be little difficulty in meeting the most of the calls.

Various Items.

There was no quorum at the last meeting of the Florists' Club, no doubt

due to the absence from the city of President Hartshorne and other members.

Albert Fuchs has been sued for breach of promise and the lady places the damages at \$15,000.

The store of Robert Schenck, on Thirty-first street, has been closed.

Bassett & Washburn have a plant of Mrs. Bradt carnation that is bearing three colors of bloom. In addition to the type, one bloom is pure white and another is pure red.

The bowlers seem to have weakened in the struggle for league honors.

The pilgrims returning from Buffalo say the carnation exhibition was a wonder.

BOSTON.

The Market.

Fairly good demand and not quite goods enough to meet it tells the whole story for the past seven days. Small roses for funeral work particularly sought, and red roses, reported plentiful and lower last week, have got over that condition, and prices on them have risen to meet the occasion; \$8 now for best Beauties and about \$3 for best pink and white. The first arrival of Jack roses was noticed on Friday, the 16th. Pinks rose a point or two, so that Scott sold for 2½ cents and white at 2½ and 3 cents. Bulb goods are thinking of demanding an increase, but no definite move yet.

Notes.

Geo. A. Black, of Brighton, has been suffering with an attack of jaundice. Is out now, but has an extremely jealous look.

W. H. Elliott underwent an operation at the hospital, on Tuesday of last week, for appendicitis, and is progressing in good shape.

Monday morning. There is an increase of supply of cut blooms today and buyers have taken note of it.

B. T.

BALTIMORE.

An Associated Press dispatch brings us information that Robert Halliday, "of Iowa," has been elected president of the American Carnation Society. Not much! We know better than that here. There is only one Robert Halliday, who cannot be concealed by any such deceptive terms, and he is of Maryland, not of Iowa, vintage. Whoever wants to know what manner of man he is—and the grower of every house of carnations from Hudson Bay to Key West, and from Newfoundland to Alaska ought to know it and him—let them read his description by your astute correspondent, William Scott, who described him thus in the Review of November 23, 1899: "Now, I don't want to lay on taffy, and am not going to do it, when I say that of all good-hearted, open-handed, royally hospitable young men I ever met, Mr. Bob Halliday takes the bakery, and its en-

Choice Long Beauties.

Select Maids, Brides, Violets.

HIGH GRADE CARNATIONS.

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Prompt Shipments. * Market Rates. * Careful Packing.

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Write for our price lists.

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tire honesty and naturalness is the pleasingest part of it."

That is a true bill, with naught set down in malice and naught set up by favor.

Halliday is modest as a girl, handsome as a picture, knowing as a coon, and just as good as he is modest and handsome and knowing all the way from the sole of his feet up through his six feet four of active, well proportioned manhood to the crown of his shapely, well poised, well filled head.

Most of his merits and virtues come to him by proud descent and honest inheritance; the others he has seized "first chance" as he passed through life.

Our whole gardening community is complimented by his selection, and, of course, honored by the choice of Baltimore as the place of meeting for the association next year.

RIX.

IMPORT DUTIES.

Wheat Sheaves.

By a recent decision sun-bleached sheaves of wheat, classified as natural flowers, are held to be entitled to free entry under the provisions of paragraph 566, Act of 1897, for "Textile grasses or fibrous vegetable substances not dressed or manufactured in any manner, and not specially provided for."

MESSRS. H. J. Goemans and H. P. Hugenholtz, representing K. J. Kuyk, Hillegom, Holland, and Ghent, Belgium, arrived in New York by steamship Lahn on February 15. They will remain in America until about the middle of May, and their address while here will be care of J. Ter Kuile, 33 Broadway, New York.

GERMANTOWN, PA.—A large greenhouse is to be erected for Thos. B. Homer. Samuel Harting, the builder, has the contract.

NORWAY MAPLES

1000, 8 to 10 feet.
500, 6 to 7 "
100, 1 to 2 "

IRISH JUNIPERS

500, 3 to 4 feet. 500, 2½ to 3 feet.
500, 2 to 3 feet.

10,000 PEACH TREES,

General assortment.

This stock will be sold at very low prices in order to close out.

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Certificated by the C. S. A.

The latest Mum. Blooms for Christmas. See cut in Florists' Review of Dec. 21, 1899.

Rooted Cuttings, \$8.00 per 100; from 2¼-in. pots, \$10.00 per 100; and thirty other leading varieties rooted cuttings, \$9.00 per 100; from 2¼-inch pots, \$15.00 per 1000.

Ready March 20th, 1900.

Cash with order, please.

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FERNS.

Fine stock 2¼-in. pots. Cyrtomium falcatum, \$1.00 per 100; \$35.00 per 1000.

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Choicest Varieties. Lowest Prices.
Finest Stock.

50,000 Carnations, standards, \$7.50 per 1000.
Descriptive list, 25 choicest up-to-date varieties.

50,000 Roses, standards, \$12.50 per 1000.

50,000 Verbenas, 20th Century collection.
32 Grand Mammoth varieties, the cream of all the latest and choicest up-to-date, 60c per 100, \$5.00 per 1000. Strong, 2-in., \$2.00 per 100, \$18.00 per 1000; full of Cuttings, elegant stuff.

50,000 Dble. Fringed Petunias, Henderson's and Dreer's latest sorts. We all know that they lead the world. \$1.00 per 100, \$8.00 per 1000. Strong, 2-in., \$2.00 per 100, \$18.00 per 1000

Alyssum, strong 2-inch, 2 cents.

Geraniums, sweet scented, strong 2½-inch, 2½ cents; strong 2-inch, 2 cents. Mme. Sallerol, strong 2-inch, 2½ cents.

Ageratum, Princess Pauline, the only one to grow, \$1.00 per 100. Extra strong, 2½-inch, full of Cuttings, \$2.50 per 100.

Salvia Splendens, no other so good, \$1.00 per 100. Extra strong, 2½ inch, \$2.00 per 100.

Fuchsias, best sorts, \$1.50 per 100. Vinca Major, \$1.00 per 100.

Smilax, strong 2½-inch, \$1.50 per 100; 2-inch, \$1.00 per 100; \$8.00 per 1000.

Lobelia, (trailing) indispensable for baskets, etc., strong, 2-inch, \$2.00; strong rooted cuttings, \$1.00 per 100.

Heliotrope, the choicest blue and white, rooted cuttings, \$1.00 per 100.

Coleus choicest varieties, rooted cuttings, 75 cents per 100.

Our wholesale descriptive list of Specialties mailed on application. Terms, strictly cash with order. Small packages by mail.

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Genevieve Lord, the peer of any light pink				
Carnation ever offered.....	\$2.00	\$10.00	\$75.00	\$1.00
Chicago, scarlet Bradt.....	1.50	7.50	60.00	4.00
Mrs. Lawson, cerise pink.....	3.00	14.00	120.00	
Olympia, variegated.....	2.00	12.00	100.00	
Ethel Crocker, pink.....	1.50	10.00	75.00	
Marquis.....	2.00	10.00	75.00	

	Per 100	Per 1000	Blooms per 100
Frances Joost, pink.....	\$2.50	\$20.00	\$1.00
Mrs. Jas. Dean, pink.....	2.50	20.00	4.00
John Young, white.....	2.50	20.00	4.00
White Cloud, white.....	4.00	30.00	4.00
Mrs. Bradt, variegated.....	5.00	40.00	\$1 to \$5
Gen. Maceo, crimson.....	6.00	50.00	4.00
Gen. Gomez, crimson.....	6.00	50.00	4.00
G. H. Crane, scarlet.....	6.00	50.00	\$1 to \$5
Gold Nugget, yellow.....	2.50	20.00	4.00

	Per 100	Per 1000	Blooms per 100
Argyle, carmine.....	\$2.50	\$20.00	\$1.00
Jubilee, scarlet.....	2.00	15.00	\$1 to \$5
Armazindy, variegated.....	2.00	15.00	2.00
Kyellina, white.....	2.00	15.00	
Wm. Scott, pink.....	2.00	15.00	2.00
Victor, pink.....	2.00	15.00	2.00
Daybreak, light pink.....	2.00	15.00	
Flora Hill, white.....	2.00	15.00	3.00

Have Shipped 100,000 Cuttings This Season without a Kick.

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CYCLAMEN GIGANTEUM. The choicest Giant-flowering varieties in best mixture, pkt., 200 seeds, \$1.00; half pkt., 50 cents.

CHINESE PRIMROSE. Best large single and double fringed, 500 seeds, \$1.00

PELOX DRUM. PUMILA. New, very dwarf, perfect beauties, excellent for growing in pots for Spring sales, mixed colors, trade pkt. 20c.

A pkt. of New Double Early-flowering Dwarf Vienna Carnation added to every order.

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I have now on hand the cleanest and purest Sheep Manure that can be bought in the market. For reference I refer you to Henry F. Michell, 1018 Market St., Philadelphia, Pa.

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Place your orders now for Perle Rose Cuttings and Plants. Remember, they are from The Perle King of St. Louis and from prize-winning stock only. Rooted Cuttings.....per 100, \$1.75; per 1000, \$15.00. Two-inch pot plants, " 8.00; " 25.00

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ROSES. To Clean Out, for Room

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Bride, Bridesmaid, C. Souper, Etoile de Lyon, Climbing Meteor, Papa Gontier.

GERANIUMS—John Doyle and Heteranthe, \$3.00 per 100. Cash with order, please.

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ROOTED CUTTINGS.....

Verbenas, 40 var., 60c per 100, \$5.00 per 1000. Petunias, 30 var., \$1.25 per 100. Heliotrope, 15 var., \$1.00 per 100. Coleus, 30 var., 70c per 100, \$6.00 per 1000. Ageratum, 8 kinds, include Princess Pauline, 70c per 100; Alyssum Dble., \$1.00 per 100; Lantanas, 4 kinds, \$1.25 per 100. Salvias, 3 kinds, \$1.00 per 100. Geraniums, mixed, from 2-inch pots, strong plants, \$2.50 per 100.

Express prepaid and satisfaction guaranteed. Cash with orders. Do not send checks.

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AMERICAN ROSE SOCIETY.

Editor Florists' Review: Having received many inquiries from your subscribers as to dues, etc., of the American Rose Society, brought forth by my appeal to growers of roses, it would confer a favor upon me and, I think, do the cause much good if you would publish the following information:

The dues in the society are: For life membership, \$50.00, in one payment; for active membership, \$3.00 a year; for associate membership, \$1.00 a year.

All that is necessary to become a member is to remit dues to Jno. N. May, treasurer, Summit, N. J., or to Leonard Barron, secretary, 136 Liberty street, New York. The latter will be only too glad to send a copy of the constitution and by-laws to anyone asking for same.

BENJAMIN DORRANCE,
President American Rose Society.

GREENHOUSE CONSTRUCTION.

Few florists nowadays depend upon their local mill for greenhouse material. The specialist in this line, with his special machinery and experience in handling such work, can always give better satisfaction, and at the same time as reasonable rates.

A Chicago concern that has come rapidly to the front in the manufacturing of greenhouse material is the John C. Moninger Co. During the past season this firm furnished material for 47,178 lineal feet of greenhouses. On these houses were used 845,447 sq. ft. of lapped glass, and 124,126 sq. ft. of butted glass. They were supplied with 32,986 lineal feet of top ventilation and 14,192 lineal feet of bottom or side ventilation. Of these houses, 40 per cent had bars fitted for 16-inch glass.

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In our new and enlarged quarters we are better prepared than ever to handle your orders.

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All telegraph and telephone orders given prompt attention.

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C. A. KUEHN WHOLESALE FLORIST

Cut Flowers and Florists' Supplies.

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G. Berning****WHOLESALE FLORIST,**1322 Pine Street,
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**ELLISON & TESSON,
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Mention The Review when you write.

**Cincinnati
Cut Flower Co.**416 Walnut St. CINCINNATI, O. **Wholesale Florists**Consignments Solicited.
Special Attention Given to Shipping Orders
Mention The Review when you write.

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W. A. MANN.
FRANK W. BALL.

Carnation Cuttings!

ALL THE UP-TO-DATE SORTS.

Agents for F. Dorner & Sons Co.

....Cerise Queen, PINK, \$2.50 per 100,
\$20.00 per 1000.

KENNICOTT BROS. CO.

42 and 44 E. Randolph St.

CHICAGO.

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ESTABLISHED 1802

THORBURN'S SEEDS

Our Wholesale Price List of
Choice Flower Seeds for Florists

is now ready. A post-card
will bring it to you.

We have still on hand some of our
LILY OF THE VALLEY PIPS,
The Finest that come to this Country.
Per 1000, \$10.00. Cases of 8000 at \$9.00 per 1000

J.M.THORBURN & CO.

(Late of 15 John Street)

36 CORTLANDT STREET, NEW YORK

Mention The Review when you write.

300,000 VERBENAS....

80 finest named varieties, including our
new mammoth white, Mrs. McKinley,
the finest white Verbena grown.

PERFECTLY HEALTHY. FREE FROM RUST.

Rooted Cuttings 8¢ per 100, \$5.00 per 1000.

Plants \$2.50 per 100, \$20.00 per 1000.

Our list is the choice from millions of seedlings.
Send for list. J. L. DILLON, Bloomsburg, Pa.

Mention The Review when you write.

EDWARD B. JACKSON,
Wholesale Florist.

HARDY HERBACEOUS PLANTS ONLY.

In any quantity for the least money.

STAMFORD, CONN.

Mention The Review when you write.

VERBENAS.

We have 25,000 ROOTED CUTTINGS

Ready to come out of sand this week. They are all named and consist of 12 varieties of the finest market sorts.

Price 60c per 100, \$5.00 per 1000.

We prepay express on all orders for 1000 and over. Terms cash with order Address

S. ALFRED BAUR, - - ERIE, PA.

Mention The Review when you write.

K. J. KUYK, Ghent,
PLANTS.

K. J. KUYK, Hillegom,
BULBS.

I beg to announce that my representatives,

Mr. H. Y. Goemans and Mr. H. P. Hugenholtz,

have started on their annual trip to the United States and Canada to solicit orders from importers of PALMS, AZALEAS, ARAUCARIAS, SWEET BAYS, FICUS, etc., and HOLLAND BULBS. The address of my representatives will be up to May 15th, care of Mr.

J. TER KUILE, 33 Broadway, NEW YORK CITY.

A splendid stock for Spring and Fall delivery is on hand.

Mention The Review when you write.

Burpee's Seeds Grow

GALAX LEAVES.

Chas. H. Ricksecker, Linville, N. C.

Mention The Review when you write.

Exchange.

Vincas, Spirea Anthony
Waterer, Tradescantia, Zebrina, 2-inch,
for Carnations R. C.
GEO. F. BRAYBON, L. B. 1176, KENT, OHIO.

Mention The Review when you write.

SAMUEL S. PENNOCK. Wholesale Florist

{ Until further notice, will be open from }
6:00 a. m., to 11.00 p. m.

American Beauties and Valley Our Specialties. 1612-14-16-18 Ludlow St., Philadelphia, Pa.
Mention The Review when you write.

PHILADELPHIA.

The Market.

It has been some time since we have been able to report the demand as exceeding the supply. Such has been the case the past week, particularly so with roses and red and pink carnations. As for the other colors, there seemed to be enough to go around. Violets are not as plentiful as they might be.

Prices.

Beauties, \$1 to \$7.20 per doz.; Brides and Maids, \$4 to \$15; Kaiserins, Golden Gate, \$4 to \$12; Meteors, Gontiers, Morgans, \$4 to \$10; Perles, \$4 to \$8; carnations, ordinary \$1.50 to \$2.50 per 100, fancy \$2.50 to \$5; cattleya, \$50 to \$60; cypripediums, \$15; valley, narcissus, sweet peas, mignonette, \$3 to \$4; tulips, \$4; violets, single 40 to 50 cents, double 50 cents to \$1; hyacinths, \$2 to \$4; callas, \$10 to \$15; smilax, \$15; asparagus, \$50; adiantums, \$1.

Notes.

Most of the retail stores report doing a nice business. Dinners and social events have been quite numerous, using a large quantity of choice flowers.

Pennock Bros. arranged some fancy baskets of flowers, which were inserted in damp moss for Valentine's day. They were fine and sold on sight at a good profit and were quite a card for the firm.

Julius Wolff, Jr., 1617 North Nineteenth street, has been very busy the past week with a number of exceptionally large decorations.

J. J. Habermehl's Sons, Twenty-second and Diamond, report having their share of the decorating the past week.

Among recent visitors we noticed E. G. Hill, of Richmond, Ind. R.

DENVER, COLO.

The following scores were made by the Denver Florists' Bowling Club on February 13:

	1	2	3	Av.
Al. Mauff.....	213	211	169	198
Chas. Franz	147	257	186	197
Chas. Mauff	158	139	240	179
John Berry	166	143	150	153
Geo. Brenkert	156	139	157	151
A. A. Benson	168	147	120	145
John Ferriss	137	114	139	130
Geo. Zimmer	125	127	108	120
Heimer	99	116	90	102
				G. A. Z.

NEW HAVEN, CONN.—Charles Munro, who for the last six months has been located in the McIntyre Arcade, will remove to 938 Chapel street. Mr. Munro was for many years with Robert Veitch & Son.

PITTSBURG CUT FLOWER CO., Ltd. WHOLESALE FLORISTS.

Long Distance
Phone 2157.

CONSIGNMENTS SOLICITED.

No. 504 Liberty St.,

FLORISTS' SUPPLIES.

Write for Price List.

PITTSBURG, PA.

Mention The Review when you write.

Asparagus Plumosus

Cut Strings
8 feet long.
50c per string.

Nanus

Shipped
to any part
of the country.

W. H. ELLIOTT,
BRIGHTON, MASS.

Mention The Review when you write.

Finest FLOWER SEEDS and BULBS for Florists.

Vegetable and Grass Seeds,
Poultry Supplies and Incubators

AT LOWEST PRICES.

Send for catalogue.

Jos. F. Dickmann Seed Company

1110—1112 North Third Street,

ST. LOUIS, MO.

Mention The Review when you write.

Cabbage Plants, Jersey Wakefield and other varieties, from cold frame transplanting, 25c per 100; \$1.50 per 1000; \$12.50 per 10,000, if by mail, add 20c per 100.

LETTUCE, Boston Market, Tennis Ball, Curled Simpson, Grand Rapids and other varieties, 15c per 100; \$1.00 per 1000; \$8.50 per 10,000, if by mail, add 10c per 100.

TOMATO, small plants for transplanting, in several varieties, 15 cts. per 100; \$1.00 per 1000.

PEPPER, small plants for transplanting, in several varieties, 25 cts. per 100; \$2.00 per 1000, if by mail, add 10 cts. per 100.

EGG PLANTS, New York Improved, for transplanting, 25c per 100; \$2.00 per 1000.

CELERY, White Plume and Golden Self-Blanching, 15c per 100; \$1.00 per 1000.

Other Vegetable plants in season. Cash with order.

R. Vincent, Jr. & Son, White Marsh, Maryland.

Mention The Review when you write.

A LIMITED QUANTITY OF **SEEDS** For SPRING SOWING.

Separate colors Simple's Asters, crimson, lavender, pink, purple, white. Betteridges prize quilled mixed, at \$1 per ounce. Giant Branching Comet, rose pink, white, white stripe pink, \$2 per ounce. Silver Tip, blue and pink, per trade packet, 25c. Mignonette, Allen's Defiance, 50c per ounce. Golden Machet, 25c per ounce. Pure Machet, 25c per ounce.

AMERICAN ROSE CO., - - Washington, D. C.

Mention The Review when you write.

GIVE US
A
TRIAL.
WE CAN
PLEASE
YOU.

Roses,
Carnations
and all
kinds of
Seasonable
Flowers
in stock.



WM. F. KASTING, Wholesale Commission Florist,
481 Washington St., BUFFALO, N. Y.
Also Dealer in Florists' Supplies and Wire Designs.

Mention The Review when you write.

JOHN B. FERGUSON, Wholesale Florist,

444 Sixth Ave., PITTSBURG, PA.

LONG DISTANCE PHONE 2085.

We Command a Good Market.

Consignments Solicited.

Mention The Review when you write.

LONG'S CARDS. Easter Advertising. SOUVENIRS.

High Art and "business" combined. In style most refined and quiet, such as best customers will appreciate.

A variety is offered. Samples 10c in stamps.

DAN'L B. LONG, Publisher, BUFFALO, N. Y.

Mention the Review when you write.

Cut Flower Exchange,

404 - 412 East 34th St., New York,

NEAR THE FERRY.

Open Every Morning at 6 o'clock for the sale of CUT FLOWERS.

Wall space for Advertising purposes to Rent.

J. DONALDSON, SECRETARY.

Mention The Review when you write.

GOLD FISH and AQUARIUM SUPPLIES.

KEENAN'S
SEED
STORE.

6112 and 6114
Wentworth Avenue,
CHICAGO

Mention The Review when you write.

Bassett & Washburn,

76 AND 78 WABASH AVENUE, CHICAGO, ILL.

Rooted Rose Cuttings.

Get new blood in your Roses and secure what you want from grafted stock. Our Cuttings this year are made from grafted plants and none but the best wood will be used. Our prices the same as others. BRIDES, BRIDESMAIDS, METEORS, \$1.50 per 100.

ROOTED CUTTINGS FROM SELECTED STOCK.

CARNATIONS

WHITE.		
	Per 100	Per 1000
Flora Hill.....	\$1 50	\$10 00
Mary Wood.....	2 50	20 00
White Cloud.....	2 50	20 00
PINK.		
Frances Joost.....	2 50	20 00
William Scott.....	1 50	10 00
DEEP PINK.		
Leslie Paul.....	5 00	45 00
Cerise Queen.....	2 50	20 00
Painted Lady.....	1 50	12 50

STRIPED WHITE WITH RED.		
	Per 100	Per 1000
Mrs. Bradt.....	\$5 00	\$40 00
Psyche.....	1 50	10 00
Armasindy.....	1 50	10 00
YELLOW.		
Gold Nugget.....	2 50	20 00
RED.		
Jubilee.....	2 00	15 00
America.....	5 00	45 00
G. H. Crane.....	5 00	45 00

MAROON.		
	Per 100	Per 1000
Empress.....	2 50	20 00
NEW VARIETIES.		
	Per 100	Per doz.
Olympia.....	12 50	2 00
The Marquis.....	10 00	2 00
Mrs. Lawson.....	14 00	3 00
Ethel Crocker.....	10 00	2 00

The Grand New Rose "LIBERTY."

We are the Western Agents for Robert Scott & Son, part owners of this elegant Red Rose.

OWN ROOTED STOCK in 2½-in. Pots.		
12 plants		60c each
25 ".....		50c "
50 ".....		30c "
100 ".....		25c "
1000 ".....		20c "

GRAFTED PLANTS in 2½-in. Pots.		
12 plants		75c each
25 ".....		60c "
50 ".....		50c "
100 ".....		40c "
1000 ".....		35c "

BASSETT & WASHBURN,

76 and 78 WABASH AVE., CHICAGO, ILL.
GREENHOUSES, HINSDALE, ILL.

Mention The Review when you write.



DAHLIAS BY THE THOUSANDS. Do you want the finest novelties, or are the older tested ones good enough? I have both, and they have taken the highest national honors. Am also headquarters for Cannas, Gladiolus and Paeonies. Write for catalogue and prices. W. W. WILMORE, Dahlia Specialist, DENVER, Colo. Box 382.

IMPORTANT.

Before ordering any goods anywhere send in your list of wants for lowest **GUARANTEED** prices.

F. W. O. SCHMITZ, Jersey City, N. J.

Vinca Major Variegata...

Very strong, healthy stock from 2-inch pots. \$3.00 per 100; \$25.00 per 1000.

Nathan Smith & Son, Adrian, Mich.

Mention The Review when you write.

ONE HUNDRED THOUSAND CUTTINGS.

	Per 100
Alternanthera, red and yellow, \$1.00 per 1000.....	\$.80
Alternanthera, summer struck, \$9.00 per 1000.....	1.00
Ageratum, blue and white.....	1.00
" Princess Pauline.....	1.25
Alyssum (Double Giant).....	1.00
Begonia, Erfordii.....	2.00
" Rex.....	2.00
" Inc. Gigantia.....	2.00
Carnations, White Cloud.....	3.00
Triumph, Albertini and Flora Hill.....	2.00
Coleus, fancy and large leaf.....	1.00
Verschaffeltii, yellow and selected kinds, \$7.00 per 1000.....	.80

	Per 100
Coleus, mix. col., \$3 per 1000.....	\$.80
Forget-Me-Not (Winter Flowering).....	2.00
Fuchsia, assorted.....	1.50
" Sun Ray, variegated.....	4.00
" Trailing Queen.....	1.50
Geraniums, named.....	2.00
Mixed.....	1.50
Mrs. Parker (Dble. Pink Silver Leaf).....	4.00
Silver Leaf and Rose Scented.....	1.50
Mme. Sallerioi.....	1.25
Double New Life.....	4.00
Mrs. Pollock and Happy Thought.....	2.00
Bronze.....	1.50

	Per 100
Geraniums, Mars and Freak of Nature.....	\$3.00
Mme. Bruant.....	2.50
German Ivy.....	1.25
Heliotrope (purple & white).....	1.25
Impatiens Sultani.....	2.00
Lemon Verbena.....	1.50
Lantana, assorted.....	1.50
" Trailing.....	2.00
Manettia, bicolor.....	2.00
Salvia.....	1.25
Tradescantia (tricolor).....	2.00
Vinca Var., extra strong.....	1.50

Let us book your order now for the best late white Mum at..... 2.00

PLANTS.

	Per 100
Anthericum, 3-in.....	\$8.00
Begonia, Rex, assort., 2½-in. named.....	4.00
Dracaena Ind. (in flats).....	5.00
Fragrant Calla, 2½-inch, \$1.50 per doz.....	
Fragrant Calla, 4-inch, \$3.00 per doz.....	

	Per 100
Forget-Me-Not (Winter Flowering), 2½-in.....	\$1.00
Geraniums, Mrs. Parker.....	6.00
Happy Thought, 2½-in.....	4.00
Silver Leaf, 2½-in.....	4.00
Mrs. Pollock, ".....	4.00

	Per 100
Lemon Verbena, \$3.00, \$1.00, \$8.00.....	
Mignonette, 2-in.....	2.00
Manettia bicolor, 2½-in.....	4.00
Primula obconica, 2-in.....	2.00
" in flats.....	1.50
Primroses (in bud) 2½-in.....	3.00

Terms Cash or C. O. D.

GREENE & UNDERHILL, Watertown, N. Y.

Mention The Review when you write.

MARIE LOUISE VIOLETS.

10,000 strong rooted cuttings from sand, clean and in fine condition. If not satisfactory, pack carefully and return them to me and your money will be cheerfully refunded. These cuttings were intended for my own use, but got no room, so they must go, and those who get them will be well pleased. The above cuttings I will sell at \$10 per 1000. Also got rooted Runners for \$6 per 1000. Cash, please.

C. LAURITZEN, Rhinebeck on the Hudson, N. Y.

Mention The Review when you write.

Southern Florists.

Plant SOUTHERN GROWN Carnations.

20,000 Rooted Cuttings; 15,000 2-in. pot Plants.

For sorts and prices write to **SOUTHERN NURSERY, Box 328, SAN ANTONIO, TEX.**

Mention The Review when you write.

SAN FRANCISCO.

The Market.

Trade this week has been very good and St. Valentine's day the best since Christmas. Many florists put in a large stock of cut flowers and sold out clean. American Beauties are very scarce and very poor in quality; however, the retailers are glad to get anything in the name of Beauties. Brunners are also very scarce and short stemmed. Violets are fair in quality and plentiful. Fruit blossoms are in good demand for decorations.

Prices.

American Beauties, \$3 to \$5; Brides and Maids, 50 cents to \$1.25; Siebrechts, 50 cents to \$1; Meteors, 35 cents to \$1.25; Brunners, 12½ to 15 cents per dozen; carnations, Hobarts \$1, Crocker and Schwerins 50 cents, fancy mixed 35 to 50 cents, Scotts 25 cents, Portias 20 cents per dozen; Harrisii, \$2.50 to \$3.50; freesias, 3 dozen for 50 cents; paper whites, 75 cents per 100; Dutch hyacinths, 50 cents per dozen; daffodils, \$1.25 per 100; violets, Princess of Wales 50 cents to \$1, California 40 to 50 cents per dozen bunches.

Notes.

The fakir's license has been increased from \$10 per quarter to \$20, which makes it double, and will no doubt help to thin out the ranks of the above gentry. Our florists ought to be thankful to Mr. Shannahan for his efforts in having the petition passed successfully, as the bulk of the work was placed on his shoulders.

Golden Gate Park is looking very fine at present. Our early rains have been a great benefit to the park and a walk or drive at any time these mornings is a pleasure. A few beds of Dutch hyacinths and daffodils are in full bloom, and in some sheltered nooks groups of hydrangeas are a mass of bloom.

George M. Miller will accept a position in the Golden Gate park. Mr. Miller is now disposing of his nursery stock and will retire from the business after fifty years as a commercial florist. Rheumatism and deafness have troubled him lately. Although Mr. Miller is very deaf, 'tis claimed he can hear as good as anybody when some one says, "Miller, have a drink."

Fruit trees have been in great demand this year. Orders coming in from all over the state. Many large orchards of prunes are being planted, and prune stock is getting to be very scarce; also apples; some varieties cannot be had at all.

At Fernwood, Dutch hyacinths are in full bloom, and many fine spikes of named varieties are simply grand. The orchids, phalaenopsis, laelias and catleyas are still a show in themselves.

I. N.

LANCASTER, KY. — O. C. Heberling's place was recently destroyed by fire. He will rebuild and continue.

CARNATIONS...

LARGE STOCK OF STRONG
ROOTED CUTTINGS NOW READY

G. H. Crane, Morning Glory, Maceo, Glacier, Gomez, America, Red Mrs. Bradt (or Chicago), Mary Wood and other good standard sorts.

Mrs. Geo. M. Bradt for March delivery — all the early stock sold.

FIVE 1900 NOVELTIES.

Mrs. Thos. Lawson, Ethel Crocker, The Marquis, Olympia and Genevieve Lord. At introductory prices.

We make a Specialty of Rooted Cuttings, and have three houses of stock growing for that purpose only.

SEND FOR DESCRIPTIVE PRICE LIST.

F. DORNER & SONS CO., LaFayette, Ind.

Mention The Review when you write.

200,000 R. C. CUTTINGS AND PLANTS FOR PROMPT SHIPMENT.

We guarantee R. C. and Plants to reach you in a healthy condition. If not so return at our expense. The spring is coming. If you do not have time to get a money order of any kind, have plants sent C. O. D., with privilege of exchanging at express office. R. C. Carnations by mail, add 20c per 100.

Early orders get the best stock.	Per 100
Mrs. Thos. W. Lawson	\$14.00
Ethel Crocker, pink	10.00
Olympia, variegated	12.00
The Marquis, pink	10.00
Genevieve Lord, pink	10.00
G. H. Crane, scarlet	5.00
America, scarlet	4.00
Melba, light pink	3.00
Mrs. G. Bradt, variegated	3.00
Glacier, white, fine	3.00
Maud Adams, dark pink	3.00
Gomez, dark red	4.00
Mrs. F. Joost, pink	2.50
Gold Nugget, yellow	3.00
Argyle, pink, fine	1.50
Triumph, pink	1.50
Daybreak, shell pink	1.00
Empress, dark red	1.00
Flora Hill, white	1.25
White Cloud, white	2.50
Mary Wood, white, fine	3.00
Jubilee, scarlet	1.50
Psyche, variegated	1.00
Gen. Maceo	4.00
Armazindy	1.50

12 cuttings at 100 rate.

All Cuttings Warranted A1.

	Per 100
Clara Bedman Salvia	\$2.00
Geranium De Roo Mitting, 2¼-inch	7.00
Geranium Double Snow Drop	7.00
Geranium Mme. Sallerol	2.00
New Yellow Baby Primrose	7.00
22 Coleus, fine, named, new	4.00
20 Standard Coleus, named	1.50
30 Double Petunias, mixed	2.00
Primula Obconica, 3½-inch	2.50
Primula Obconica, 2½-inch	2.00
Primula, Chinese, 2½-inch	1.00
Primula Chinese, in bud and bloom, 3½-in.	2.50
Primula, from flats, strong	.50
Velvet Plant	2.00
15 Begonias, flowering, named, 2¼-inch	1.50
Forget-Me-Not, winter flowering, 2¼-inch	1.50
Iresines, 2 varieties, red and yellow, 2¼-inch	1.50
Cannas, large flowering, mixed	1.00
Mesembryanthemum Erectum, 2¼-inch	1.50
California Moss; Lycopodium Dent; Alternanthera, 4 varieties; Feverfew, Little Gem; Feverfew, yellow foliage; Dusty Miller; Cigar Plant, all 2¼-inch	1.50
Vinca, variegated, trailing	2.00
Ferns, mixed, our selection, 2¼-inch	5.00
Lobelia, Crystal Palace Gem	1.50

Five plants at 100 rates. All our Plants are in A1 condition.

THE MORRIS FLORAL CO., - - - MORRIS, ILL.

Mention The Review when you write.

ELM CITY A Grand New
White....

Carnation

Seedling of Lizzie McGowan
and Mme. Diaz Albertini,
in its fifth year.

The flowers are large, finely shaped and of strong fragrance. Petals are heavy, of good substance and nicely fringed. Calyx is very strong, after the style of Mme. Albertini, and none bursting; the stem strong, holding the flower erect. The plant is a good grower and free bloomer, not subject to stem rot or any disease. Rooted Cuttings ready February 1st, \$1.50 per doz., \$10 per 100, or \$70 per 1000. Cash with order. We shall prepay the express where money accompanies the order. Orders filled in rotation.

M. E. KRAUS, 320 Davenport Ave., NEW HAVEN, CONN.

Mention The Review when you write.

GENEVIEVE LORD. The Peer of Light Pinks.

(Stock for delivery prior to
March 20, all sold.)

The people know a good thing when they see it. If you haven't seen it ask someone who has concerning its appearance. It has proven itself the most popular selling carnation we have ever grown, and as it combines quantity with quality it is no surprise to know it is the most profitable we have ever grown.

Some of its Features: The finest stem of any carnation. The color is just right, the ladies go wild over it. It is large, grades easily as a fancy. Odor is very sweet. Form beautiful, calyx perfect. It is a perfect **non-bursting** carnation. Every grower will appreciate this. If you don't grow Genevieve Lord next winter your list will not be complete. Remember, stock is all sold until March 20. **PRICE: \$2.00 per doz., \$10.00 per 100, \$75.00 per 1000.**

Catalogue ready now containing full description of the above as well as the other big new ones and standard sorts. A postal card will bring it. Also complete list of new and standard Chrysanthemums.

H. WEBER & SONS, - - Oakland, Md.

Mention The Review when you write.

"New Carnation ESTELLE."

Certified by A. C. S., Chicago, and at Cincinnati.

A bright illuminating scarlet of excellent form; stem strong and stiff, holding flower gracefully erect. A little short same as Tidal Wave after lifting, but attains a height of 12 to 18 inches by December. A free, early, continuous bloomer. Stock is limited and cuttings are all sold for February to March 15th delivery. **Price \$10.00 per 100; \$75.00 per 1000.**

ETHEL CROCKER.....\$10.00 per 100; \$75.00 per 1000
GENEVIEVE LORD.....10.00 " 75.00 "

MRS. THOS. W. LAWSON....\$14.00 per 100; \$120.00 per 1000
OLYMPIA.....12.00 " 100.00 "

CRANE, AMERICA, GOMEZ and others.

Send for price list.

NOTE.—Our address has been changed to **Station F, Cincinnati.**

R. Witterstaetter

Station F,
CINCINNATI, OHIO.

Mention The Review when you write.

Ethel Crocker. Absolutely the Best Pink Carnation ever offered the trade.

A fact fully borne out by its record, being equally good with Craig, Hill and myself (an assurance that it is not a success in one soil and a failure in another.) By its having been shown at the flower shows and clubs since early in September (an assurance that it is not a good late carnation but an all season variety.)

In color, size, fragrance and stem it is just what the "storemen" want. In habit, constitution and freedom of bloom it is just what the grower wants. It produces more flowers to the square foot than any other known variety, and is never out of crop from September to July.

With 18,000 stock plants to work from there is no danger of it being overpropagated, and all orders entrusted to me will be filled with cuttings selected from the plants and also in filling the order, by myself, thus doubly assuring good stock. Honest sample blooms furnished prepaid at \$1.00 per dozen, amount deducted from all orders for 100 or over. Up to date every sample excepting one out of several hundred sent has brought an order.

Price per 100, \$10.00; per 25, \$2.50. Per 1000, \$75.00; per 250, \$18.75. **HERR'S PANSIES**, good little plants at 75c per 100; \$4.00 per 1000.

Price list of standard varieties ready now.

ALBERT M. HERR, Lancaster, Pa.

Mention The Review when you write.

FINE STOCKY PLANTS

Per 100
Alternanthera. Yellow, \$1.75 per 100; Red....\$2.00
Oxalis Floribunda. 2-in. pot 2.50
Vinca Vines, 2 varieties, 2-in. pot 2.50
Geraniums, 16 " 2 1/2 " 3.00
Pansy Plants, large flowering, per 1000, \$2.50. .50

CASH WITH ORDER.

JOS. H. CUNNINGHAM, - - Delaware, Ohio.

Mention The Review when you write.

Carnation Cuttings...

NOW READY.

Jubilee, White Cloud, Daybreak, Flora Hill and other standard varieties. Write for prices. We control the original stock of **MME. CHAPMAN** the Grand Rapids pink sport of D. B.

CRABB & HUNTER, Grand Rapids, Mich.

Mention The Review when you write.

NEW CARNATIONS.

We are now ready to receive
orders for strong rooted
CUTTINGS.....

GEN. MACEO..... } \$1 per doz., \$6 per
G. H. CRANE..... } 100, \$50 per 1000.
GLACIER..... }
MORNING GLORY..... }

GEN. GOMEZ..... } 75c per doz., \$5 per
MRS. G. M. BRADT } 100, \$40 per 1000.

WHITE CLOUD.... } 50c per doz., \$4 per
GOLD NUGGET.... } 100, \$30 per 1000.

25 at 100 rate. 250 at 1000 rate.

We have Fine Large Stocks and will deliver only
Fine, Strong, Well-Rooted Cuttings.

THE COTTAGE GARDENS, - QUEENS, N. Y.

Mention The Review when you write.

CARNATIONS.

BEST NEW AND STANDARD VARIETIES.
Write for catalogue and prices.

W. P. PEACOCK, ATCO, N. J.

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Hand Fertilized. 25 cents per 100.

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12 Novelties of 1900.

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GRAND HAVEN, Mich.

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in 2-inch, **NOW READY TO SHIP:**

Perles, Woottons, Kaiserins, Maids and Beauties;
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A SPECIAL IN BOSTON FERNS in 5-inch pots.

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CLASSIFIED PLANT ADVERTISEMENTS.

Rate for advertisements under this head, 10 cents a line net, per insertion. New advs. and changes must reach us by Wednesday morning at latest to secure proper classification in issue of Thursday.

ABUTILON.

Abutilon Eclipse, fine stock, 2½-in., \$4.00 per 100. Beach & Chessman, Richmond, Ind.

ACALYPHA.

Acalypha Sanderi, fine 2½-in. plants, \$3.00 per 100. The Conard & Jones Co., West Grove, Pa.

ACHYRANTHES.

Achyranthes, 2½ cts. Cash. A. J. Baldwin, Newark, O.
Send in your order now for a copy of the Florists' Manual.

AGERATUM.

Ageratum Stella Gurney. The best dwarf blue Ageratum yet introduced. Habit perfect, color deep and very free. \$1.25 per doz.; \$8.00 per 100.

H. A. Dreer, 714 Chestnut St., Phila., Pa.

Princess Pauline and Brighton Beauty, the best of all and the only ones to grow, 2½-in., \$2.50 per 100.

Beach & Chessman, Richmond, Ind.

Ageratum, Tapis blue, dwarf and the best blue to date, 2½ cts. White Cape, dwarf, extra fine white flowers, 2½ cts. Cash. A. J. Baldwin, Newark, O.

R. C., blue and white, \$1.00 per 100; Princess Pauline, \$1.25 per 100. Greene & Underhill, Watertown, N. Y.

Ageratum Princess Pauline, the only one to grow. Extra strong, 2½-in., \$2.50 per 100. South Side Floral Co., Springfield, Ill.

Rooted cuttings, blue and white, 50c, Pauline, 60c. 2½-in., \$1.25.

R. Tindall, Independence, Mo.

Princess Pauline, rooted cuttings, 70c per 100. S. Whitton, 15-17 Gray Ave., Utica, N. Y.

ALTERNANTHERA.

40,000, 4 varieties, red, yellow, pink and large pink leaved, strong, full of cuttings; were potted last August, 2½-in., \$2.00 per 100.

Morris Floral Co., Morris, Ill.

R. C., red and yellow, 60c per 100; \$5.00 per 1000; summer struck, \$1.00 per 100; \$9.00 per 1000. Greene & Underhill, Watertown, N. Y.

Alternantheras, 50c per 100. Rose Terrace Greenhouses, Mrs. J. W. Crouch, Chattanooga, Tenn.

Alternantheras, fine, stocky plants, yellow, \$1.75; red, \$2.00 per 100. Cash. Jos. H. Cunningham, Delaware, O.

4 varieties, rooted cuttings, 50 cts per 100; \$4.00 per 1000. C. G. Nanz, Owensboro, Ky.

Alternanthera, \$4.00 per 1000. E. I. Rawlings, Quakertown, Pa.

ALYSSUM.

Double flowered, fine 2-in. plants, \$2.50 per 100. Beach & Chessman, Richmond, Ind.

Double giant, \$1.00 per 100. Greene & Underhill, Watertown, N. Y.

Alyssum, strong 2-in., 2c. South Side Floral Co., Springfield, Ill.

Double sweet alyssum 2 cts. Cash. A. J. Baldwin, Newark, O.

ANTHERICUM.

3-in., \$6.00 per 100. Greene & Underhill, Watertown, N. Y.

Anthericum Var., 2½-in., \$4.00 per 100. Beach & Chessman, Richmond, Ind.

ASPARAGUS.

Sprengeri, 2½-inch, extra strong, \$5.00 per 100; 3-inch, extra strong, \$7.00 per 100; 4-inch, very fine, \$1.75 per doz.; 5-inch, very fine, \$2.50 per doz. The Calla Greenhouses, Calla, O.

A. plumosus nanus seed, doz., 15 cts; 100, \$1.00; 1000, \$9.00. A. Sprengeri, doz., 10 cts; 100, 75 cts; 1000, \$6.00. H. H. Berger & Co., 47 Barclay St., New York.

Asparagus Plumosus Nanus, nice plants, 2½-in. pots, \$4.50 per 100; \$40.00 per 1000. Sprengeri, 2½-in., \$3.50 per 100; \$30.00 per 1000. John A. Doyle Co., Springfield, Ohio.

Asparagus Sprengeri from 2½-in. pots, strong, \$4.00 per 100. Harvey B. Snow, Camden, N. Y.

Asparagus Sprengeri, 3½-in., fine, bushy stock, \$1.00 per doz.; \$7.50 per 100. Cash. Benj. Connell, West Grove, Pa.

Plumosus, 3-in., \$8.00 per 100. Cash. Geo. M. Emmans, Newton, N. J.

BASKET PLANTS.

Trailing lantana, just what you want for vases, baskets, etc., 2½ cts. Gnaphalium, fine for baskets, 2½ cts. Cash.

A. J. Baldwin, Newark, O.

BEGONIAS.

Begonia Duke Zeppelin. A sun-proof double scarlet variety; one of the best bedding varieties, 20 cents each; \$2.00 per doz.; \$15.00 per 100. Begonia New Frilled. These are perfection in tuberous rooted Begonias. Flowers from four to five inches across, with wavy petals which are frilled on the edges like a fine petunia, 25 cts each; \$2.50 per doz.; \$20.00 per 100.

Single, rose scarlet, white, yellow, orange, 40c per doz.; \$2.50 per 100; \$20.00 per 1000. Singles in choicest mixture, 35c per doz.; \$2.00 per 100; \$18.00 per 1000. Double, rose, scarlet, white, yellow, 65c per doz.; \$5.00 per 100; \$40.00 per 1000; double in choicest mixture, 50c per doz.; \$4.00 per 100; \$35.00 per 1000.

Henry Dreer, 714 Chestnut St., Phila., Pa.

Begonia tuberous, single colors, separate. Per 100, English strain, \$3.50; Belgian, \$2.50. Double colors, separate, English strain, \$5.00; Belgian, \$4.00.

Bobbink & Atkins, Rutherford, N. J.

R. C., Erfordii, Rex, Inc. gigantia, \$2.00 per 100. Rex, assort., 2½-in., \$4.00; named, 2½-in., \$6.00 per 100.

Greene & Underhill, Watertown, N. Y.

Begonias, Vernon, Bijou, Rosea and Alba, 2½-in., \$2.00 per 100; 4-in. pots, \$5.00 per 100. C. G. Nanz, Owensboro, Ky.

Graf Zeppelin, best double scarlet for sunny borders. H. Henkel, Darmstadt, Germany.

15 varieties, flowering, named, 2½-in., \$1.50 per 100. Morris Floral Co., Morris, Ill.

Fine assortment, from 3-in. pots, \$5.00 per 100. Paul Mader, E. Stroudsburg, Pa.

Rex begonias, 3-in., mixed, \$4.00 per 100. Cash. Geo. M. Emmans, Newton, N. J.

Begonias, in variety, 2½ cts. Cash. A. J. Baldwin, Newark, O.

BOUGAINVILLEA.

Sanderiana, strong, from last year. H. Henkel, Darmstadt, Germany.

BULBS.

Gladolus. Brenchleyensis, 20c per doz.; \$1.00 per 100. Mme. Monneret, 20c per doz.; \$1.00 per 100. Napoleon, 18c per doz.; 90c per 100. Marie Lemoine, 15c per doz.; 80c per 100. A fine, light mixture to which is added a third more of Ceres, white spotted rose, and Augusta, pure white, 20c per doz.; \$1.00 per 100. A few of the bulbs are a little irregular, but most of them are perfect shape. Give them a trial. Mrs. A. H. Austin, Charlestown, Ohio.

To clear out, as we need room. A lot of Spiraea Japonica Compacta, 50 cts per doz.; \$3.00 per 100. Lily of the Valley, best brand, \$1.00 per 100; \$8.00 per 1000. Tree Paeonias, which will bring good money if forced for Easter, white, rose-red, variegated, Lilac, strong plants, with buds, 50c each; \$5 a doz.; \$8 for 25. H. H. Berger & Co., 47 Barclay St., New York.

Order now for next August delivery. White Roman hyacinths, 30 francs per 1000, 11-12 c. m., and 50 francs, 12-15 c. m. Narcissus paper white grandiflora, 18 francs per 1000. All best quality. F. O. B. Marseilles. Cases 2 francs each. 90 days from invoice accept. Prices for other bulbs on application. A. Clin, wholesale bulb grower, Hyeres-var-France.

Buttercup Oxalis. Bulbs will be ready for July delivery. Mammoth, \$6.00 per 1000; 1st size, \$4.00 per 1000; 2d size, \$3.00 per 1000. California prices. On all orders of less than 1000 add 25 per cent.

Chas. H. Campbell, Richland, Cal.

Double Pearl Tuberose bulbs, good, sound, reliable bloomers. No. 1, 4-in. and up, \$1.00 per 100; \$3.00 per 1000. No. 2, 3 to 4-in., 50c per 100; \$3.00 per 1000. The latter all good blooming bulbs. Chas. Black, Hightstown, N. J.

We have still on hand some of our Lily of the Valley pips, the finest that comes to this country at \$10.00 per 1000; case of 3000 at \$9.00 per 1000. J. M. Thorburn & Co., 36 Cortlandt St., New York.

R. Van Der Schoot & Son, Wholesale Bulb Growers, Hillegom, Holland. Our bulb stocks, now covering an area of over 150 acres, are at present the largest of Holland. Est. 1830.

Armstrong's ever-blooming tuberose ("Without a peer among Tuberoses," J. M. Jordan, St. Louis), \$4.00 per 100. Grown and for sale by Luther Armstrong, Kirkwood, Mo.

California grown bulbs. Send for our special trade list.

California Nursery Co., Niles, California.

We are headquarters for Tuberose Bulbs. Write for prices.

T. W. Wood & Sons, Richmond, Va.

Zephyranthes sulphurea, big yellow flower, \$6.00 per 1000. Milla, Bessera and others. Wm. Tell, Austin, Tex.

Spotted leaf Calla bulbs, 50c per doz.; \$2.00 per 100. S. J. Galloway, Eaton, Ohio.

Bulbs and Plants for Fall and Spring delivery. C. H. Joosten, Importer, 55 Dey, St., N. Y.

CACTI.

Hardy cacti for permanent out-of-door planting, 17 sorts, thoroughly tested. Investigate. Catalogue free.

D. M. Andrews, Boulder, Colo.

Cacti and cacti seed, send for price.

Wm. Tell, Austin, Tex.

CALADIUMS.

Fancy leaved caladiums: \$6.00 per 100 for our list No. 1, consisting of 10 varieties, large bulbs, good colors. List No. 2, choice assortment of best Brazilian, 10 varieties, beautiful shapes of coloring, \$10.00 per 100. Or both lists, 20 varieties, 200 good bulbs, \$15.00.

Oak Grove Nurseries, Seven Oaks, Fla.

Caladium Albanense. Differs from all other fancy Caladiums. Leaves thick and heavy, spear shaped, and handsomely marked with red, green and creamy yellow, radiating from the center of leaf. 35 cts each; \$4.00 per doz.

H. A. Dreer, 714 Chestnut St., Phila., Pa.

Caladiums, fancy named sorts, extra large, bulbs 1½ to 2½ inches, \$2.50 per 10; \$20.00 per 100. Bulbs 1 to 1½ inches, \$1.50 per 10; \$12.00 per 100. P. J. Berckmans Co., Augusta, Ga.

Caladium esculentum bulbs, 1½ to 2 inches, \$1.00; 2 to 3 inches, \$2.00; 3 to 4 inches and over, \$3.75 per 100. B. H. Ritter, Port Royal, S. C.

CANNAS.

Allemania, America, Africa, Parthenope, Austria, Sunray, Lafrance, Pluto, Pres. McKinley and Pres. Cleveland, single eyes, \$2.00 per 100. Will exchange for mums and carnations. Acme Nursery, Galveston, Tex.

Cannas (started from sand bed), ready March 15. Florence Vaughan, Mme. Crozy, Alphonse Bouvier, Queen Charlotte, Austria, \$3.50 per 100; \$30 a 1000.

Paul Mader, East Stroudsburg, Pa.

The 3 best solid red: Black Prince, \$10.00 per 100; Philadelphia, Duke of Marlborough, \$4.00 per 100.

The Conard & Jones Co., West Grove, Pa.

Cannas. 20 of the best vars., extra strong, dry roots, \$2.00 per 100; \$15.00 per 1000. C. G. Nanz, Owensboro, Ky.

10 varieties, all mixed, single eyes, \$1.00 per 100. Morris Floral Co., Morris, Ill.

A select list of new cannas. Write N. Smith & Son, Adrian, Mich.

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CLASSIFIED PLANT ADVERTISEMENTS—CONTINUED.

CARNATIONS.

Rooted cuttings. Strictly first class and guaranteed.	Dos.	100	1000
Mrs. Lawson	\$3.00	\$14.00	\$120
Olympia	2.00	12.00	100
Ethel Crocker	1.50	10.00	75
Genevieve Lord	2.00	10.00	75
Marquis	1.50	10.00	75

PINK.

Mrs. Frances Joost	\$2.50	\$20.00
Mrs. James Dean	2.50	20.00
Carise Queen	2.00	15.00
Mrs. McBurney	1.50	12.00
Gov. Griggs	2.00	15.00
Hector	3.00	25.00
William Scott	1.00	7.50
Dorothy Sweet	3.00	25.00
Victor	2.00	15.00
New York	2.00	15.00
Daybreak, light pink	1.25	10.00
Painted Lady, cerise	1.50	12.00

SCARLET.

G. H. Crane	6.00	50.00
Portia	1.50	12.00
America	4.00	35.00
Jubilee	2.00	15.00
Bon Ton	2.00	15.00

CARMINE.

Argyle	1.50	12.00
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WHITE.

John Young	3.00	25.00
White Cloud	3.50	25.00
Alaska	1.50	12.00
Genesee	2.00	15.00
Mary Wood	3.00	25.00
Evelina	1.25	10.00
Flora Hill	1.50	12.00
McGowan	1.00	7.50

CRIMSON.

Gen. Maceo	6.00	50.00
Gen. Gomez	6.00	50.00
Evanston	2.00	15.00

VARIEGATED.

Mrs. Bradt	4.00	35.00
Psyche	1.50	12.00
Armazindy	1.50	10.00
Eldorado	2.00	15.00
Sandusky	3.00	25.00

YELLOW.

Gold Nugget	2.50	20.00
Gov. Pingree	1.50	12.00

LAKE VIEW ROSE GARDENS,
JAMESTOWN, N. Y.

Rooted cuttings. Ethel Crocker, \$2.50 per 25; \$10.00 per 100; \$18.75 per 250; \$75.00 per 1000. The Marquis and Genevieve Lord, \$10.00 per 100; \$75.00 per 1000. Olympia, \$12.00 per 100; \$100.00 per 1000. Mrs. Thos. Lawson, \$14.00 per 100; \$120.00 per 1000. America, \$5.00 per 100; \$40.00 per 1000. G. H. Crane, \$6.00 per 100; \$50.00 per 1000. Jubilee, \$2.00 per 100; \$15.00 per 1000. White Cloud, \$3.50 per 100; \$30.00 per 1000. Flora Hill, \$1.50 per 100; \$10.00 per 1000. John Young, \$2.00 per 100; \$15.00 per 1000. McGowan, \$10.00 per 1000. Argyle, \$2.00 per 100; \$15.00 per 1000. Mrs. Joost, \$2.50 per 100; \$20.00 per 1000. New York, \$2.00 per 100; \$20.00 per 1000. Daybreak, \$1.50 per 100; \$10.00 per 1000. Victor, \$1.50 per 100; \$12.50 per 1000. Wm. Scott, \$10.00 per 1000. Mrs. Bradt, \$5.00 per 100; \$40.00 per 1000. Armazindy, \$1.50 per 100; \$10.00 per 1000.

H. F. Littlefield, Worcester, Mass.

New carnations. We are now ready to receive orders for strong rooted cuttings. Gen. Maceo, G. H. Crane, Glacier, Morning Glory, \$1.00 per doz.; \$5.00 per 100; \$50.00 per 1000. Gomez, Bradt, 75c per doz.; \$5.00 per 100; \$40.00 per 1000. White Cloud, Gold Nugget, 50c per doz.; \$4.00 per 100; \$30.00 per 1000. Mrs. James Dean, \$3.00 per 100; \$25.00 per 1000. Mrs. Thos. W. Lawson, \$3.00 per doz.; \$14.00 per 100; \$120.00 per 1000. Olympia, \$2.00 per doz.; \$12.00 per 100; \$100.00 per 1000. Marquis, Genevieve Lord, Ethel Crocker, \$2.00 per doz.; \$10.00 per 100; \$75.00 per 1000. 25 at 100 rate, 250 at 1000 rate. We have fine large stocks and will deliver only strong, well rooted cuttings.

The Cottage Gardens, Queens, N. Y.

Carnation cuttings. G. H. Crane, \$5.00 per 100; White Cloud, Mrs. Joost, Triumph and Evanston, \$2.50 per 100; \$20.00 per 1000. Gold Nugget, Mrs. McBurney and Jubilee, \$2.00 per 100; \$15.00 per 1000. Flora Hill, Daybreak, Argyle and Armazindy, \$1.25 per 100; \$10.00 per 1000.

McGowan, Mayor Pingree, Wm. Scott, Tidal Wave and Morello, \$1.00 per 100; \$7.50 per 1000. All rooted cuttings sold under the condition that if not satisfactory they are to be returned at once and money will be refunded. Special prices on large lots.

George Reinberg, 51 Wabash Ave., Chicago.

The new light pink carnation, Genevieve Lord is the coming light pink and we recommend it to you as being first class in every way. It has won highest honors where ever shown. Better than Scott in its palmiest days. There will be no attempt to over propagate it. First come, first served. \$75.00 per 1000; \$10.00 per 100; \$2.00 per doz. Stock for delivery prior to Mar. 15th all sold. Are now booking orders for that date and later. Send for complete description. Also Mrs. Thos. W. Lawson, Crocker, Olympia, Marquis, J. Whitcomb Riley, Chicago and Estelle at introducers' prices.

H. Weber & Sons, Oakland, Md.

Elm City, a grand new white carnation, seedling of Lizzie McGowan and Albertini, in its fifth year. The flowers are large, finely shaped and very fragrant. Petals are heavy, of good substance, nicely fringed. Calyx, strong, after the style of Albertini, none bursting. Stem strong, holding the flower erect. The plant is a good grower and free bloomer. Rooted cuttings ready Feb. 1 at \$1.50 per doz.; \$10.00 per 100; \$70.00 per 1000. We prepay the express when money accompanies the order. M. E. Kraus, 320 Davenport Ave., New Haven, Conn.

Carnation cuttings. McGowan, Evelina, Pingree, Scott, Nivea, Morello, \$1.00 per 100. Daybreak, Argyle, Armazindy, \$1.25 per 100.

Flora Hill, Gold Nugget, Triumph, Victor, \$2.00 per 100.

White Cloud, Frances Joost, Evanston, Jubilee, \$2.50 per 100.

Mrs. Bradt, Gov. Griggs, Leslie Paul, Melba, America, \$3.00 per 100.

G. H. Crane, \$5.00 per 100. Mrs. Lawson, \$14.00 per 100.

10 per cent discount on thousand lots.

Peter Reinberg, 51 Wabash Ave., Chicago.

New carnation Estelle, certificated by A. C. S. at Chicago and Cincinnati. A bright illuminating scarlet; stem strong and stiff, holding flowers gracefully erect; attains a length of 12 to 16 inches by December; a free, early, continuous bloomer. Stock is limited and cuttings are all sold for Feb. to Mar. 15th delivery. Price, \$10.00 per 100; \$75.00 per 1000. All the novelties and standard sorts. Write for price list. R. Witterstaetter, Station F, Cincinnati, O.

Rooted Cuttings. Mary Wood, White Cloud, Frances Joost, Cerise Queen, Gold Nugget, Empress, \$2.50 per 100; \$20.00 per 1000.

Flora Hill, Wm. Scott, Psyche, Armazindy, \$1.50 per 100; \$10.00 per 1000. Painted Lady, \$1.50 per 100; \$12.50 per 1000.

G. H. Crane, America, Leslie Paul, \$5.00 per 100; \$45.00 per 1000. Mrs. Bradt, \$5.00 per 100; \$40.00 per 1000.

Bassett & Washburn, 76-78 Wabash Ave., Chicago.

Orders booked now in order of receipt for rooted cuttings of the famous Mrs. Thomas W. Lawson, the \$30,000 Queen of Carnations, for spring delivery, commencing Feb. 1, 1900. Prices to the trade only: Per dozen, \$3.00; per 100, \$14.00; per 1000, \$120.00; per 5000, \$500.00; per 10,000, \$800.00. Terms strictly cash or C. O. D. from unknown parties. Address all orders and make all remittances payable to Thos. F. Galvin, 124 Tremont St., Boston, Mass.

Large stock of strong rooted cuttings now ready. G. H. Crane, Morning Glory, Maceo, Glacier, Gomez, America, Red Mrs. Bradt (or Chicago), Mary Wood and other good standard sorts. Mrs. Geo. M. Bradt for March delivery, all the early stock sold.

Five 1900 novelties, Mrs. Thos. W. Lawson, Ethel Crocker, Olympia and Genevieve Lord at introductory prices. Send for descriptive price list.

F. Dorner & Sons Co., Lafayette, Ind.

New Carnation Kittatinny. A new money making carnation; a white sport from Daybreak. Any one can grow it that can grow Daybreak, as it is identically the same in every respect except color, which is pure white; and with me it is a stronger grower and larger flower, and as a first-class all-round white can't be outclassed. Stock limited, and orders will be filled in strict rotation. Price per 100 rooted cuttings, \$6.00.

Geo. M. Emmans, Newton, N. J.

Rooted cuttings, extra strong. Ready now. Daybreak, Jno. Young, Flora Hill, Eldorado, Freedom, Victor, \$1.50 per 100; \$12.00 per 1000. White Cloud, Frances Joost, \$2.50 per 100; \$20.00 per 1000. Dexter Purit, a good commercial scarlet, \$2.50 per 100.

S. J. Reuter, Westerley, R. I.

40,000 clean, strong rooted cuttings. G. H. Crane, General Maceo, \$5.00 per 100; \$45.00 per 1000. General Gomez, Gov. Griggs, Mrs. G. Bradt, \$4.00 per 100; \$35.00 per 1000. White Cloud, Gold Nugget, Mrs. Frances Joost, New York, Mrs. James Dean, \$3.00 per 100; \$20.00 per 1000. Lizzie McGowan, Daybreak, Wm. Scott, E. Pierson, \$1.00 per 100; \$9.00 per 1000. Cash with order, please. A. Nelson, Notch Road, Paterson, N. J. P. O. Box 1450.

The new pink carnation, Mrs. Bertram Lippincott. The fact that this variety is a cross between Daybreak and Scott is a sufficient guarantee and should recommend it to every grower as the only carnation that will be sure to yield good returns. Stock now ready. \$2.00 per doz.; \$10.00 per 100; \$75.00 per 1000. H. F. Michell, 1018 Market St., Philadelphia.

Carnation cuttings. 20,000 Wm. Scott, must be sold to make room, at \$6.00 per 1000 or 4000 for \$20.00. Mrs. Joost, \$2.50 per 100; \$20.00 per 1000. Melba, \$3.00 per 100; \$25.00 per 1000. Flora Hill, Victor, Daybreak, \$1.25 per 100; \$10.00 per 1000. Mayor Pingree, \$1.00 per 100; \$7.00 per 1000. Cash with order. Carl E. Taube, Mercer Floral Co., Trenton, N. J.

Big cut to make room; good, clean rooted cuttings, Peach Blow, Scott, Bridesmaid, Rose Queen, 75c per 100; \$6.00 per 1000. Flora Hill, Jubilee, Triumph, Kohinoor, \$1.50 per 100. Albertini, Armazindy, Emily Pierson, \$1.25 per 100; any of above from 2-in. pots, 50c more. Cash with order.

Logan Ave. Greenhouses, Danville, Ill.

100,000 rooted cuttings, ready to ship. Early orders get the best stock. Mrs. Thos. W. Lawson, \$14.00 per 100; Olympia, \$12.00 per 100; Crocker, Marquis, Lord, \$10.00 per 100; Crane, \$5.00 per 100; America, \$4.00 per 100. 12 cuttings at 100 rate. All the other new and standard sorts, for prices see large adv.

Morris Floral Co., Morris, Ill.

Now ready, rooted cuttings. Maceo, Glacier, \$6.00 per 100; Evanston, \$2.50 per 100; Jubilee, Armazindy, Victor, A. Webb, \$2.00 per 100; F. Hill, Daybreak, Dana, Meteor, Morello, Cartledge, \$1.50 per 100; McGowan, Bridesmaid, Eldorado, Pingree, Portia, Jahn's Scarlett, Scott, \$1.00 per 100.

D. R. Herron, Olean, N. Y.

Ethel Crocker. Absolutely the best carnation ever offered the trade. \$10.00 per 100; \$75.00 per 1000. 250 for \$18.75; 25 for \$2.50. Honest sample blooms furnished prepaid at \$1.00 per doz.; amount deducted from all orders for 100 or over. A. M. Herr, Lancaster, Pa.

Rooted cuttings of carnations. Both new and old varieties at lowest prices for good stock. Special rates on orders booked for future delivery. Satisfaction or money refunded. Geo. A. Rackham, 880 Van Dyke Ave., Detroit, Mich.

Anti-rust people attention! We grow fine Eldorados for the anti-rust people and can furnish rooted cuttings at \$1.00 per 100; \$8.00 per 1000. Speak quick with the cash and try the golden money maker.

Roney Bros., West Grove, Pa.

Carnation cuttings now ready. Jubilee, White Cloud, Daybreak, Flora Hill and other standard varieties. We control the original stock of Mme. Chapman, the pink sport of Daybreak. Crabb & Hunter, Grand Rapids, Mich.

Rooted Cuttings. Wm. Scott, per 1000, \$10.00; Maude Adams, per 100, \$3.50; Mrs. F. Joost, per 100, \$2.50; Lady Emma, per 1000, \$12.50. Unrooted at half price. Write for prices on large lots. Charles Lenker, Freeport, L. I.

A fine lot of rooted cuttings of the following: Mayer Pingree, Bon Ton, Wellesley, Armazindy, Jubilee and Genesee, \$2.00 per 100. Buttercup (fine), \$3.00 per 100.

Jos. Renard, Unionville, Chester Co., Pa.

Chicago Carnation Co. The great and only carnation specialists. Cuttings now ready. For list see display adv. in this issue. Chicago Carnation Co. Greenhouses and address, Joliet, Ill.

Southern florists should plant southern carnations, 20,000 rooted cuttings, 15,000 2-in. pot plants. For sorts and prices write to Southern Nursery, Box 328, San Antonio, Tex.

50,000 standard carnations, rooted cuttings, \$7.50 per 1000. Descriptive list of 25 choice, up-to-date varieties. Cash.

South Side Floral Co., Springfield, Ill.

PLEASE MENTION THE REVIEW WHEN WRITING ANY OF THESE ADVERTISERS.

CLASSIFIED PLANT ADVERTISEMENTS—CONTINUED.

Boston Ferns, ready for shifting, 2½-in., 6 cts; 3-in., 10 cts.; 3½ and 4-in., 18 cts. Cash. A. J. Baldwin, Newark, O.

Boston Ferns. Write J. Welsh Young, wholesale grower, Germantown, Pa., for prices.

Exaltata, upright, fine 3-in. plants, \$4.00 per 100. Beach & Chessman, Richmond, Ind.

A special in 5-in. Boston ferns. Write Geo. A. Kuhl, Pekin, Ill.

Boston ferns, strong, 2½-in., \$5.00 per 100. The Conard & Jones Co., West Grove, Pa.

Fresh fern spores, low prices. S. F. Jenkins, Jr., Rochester, N. Y.

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Geraniums: S. A. Nutt, Poltevine, E. G. Hill, Double Grant, J. J. Harrison, 2-in., \$3.00 per 100. Single Grant, Bruant, Murandi, Sam Sloan, La Favorite, 2-in., \$2.50 per 100. Cash. Geo. M. Emmans, Newton, N. J.

5000 geraniums, only the best varieties, 2½ and 3-in., \$3.00 per 100. Will trade for Rex Begonia, pelargonium, calceolaria or roses. B. F. Vandervate, Galena, Ill.

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"	4	15-18	2-3	20.00	150
"	5	18-20	4-5	25.00	
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I have to offer in assorted sizes some unusually perfect and symmetrical plants of Areca lutescens at following prices: 15-inch pots, 7 to 8 feet high, very bushy, \$25.00; 14-inch pots, 6 to 7 ft. high, very bushy, \$20.00; 12-inch pots, 6 ft. high, \$10.00 to \$15.00; 9-inch pots, 5 ft. high, \$5.00.
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Perle of Savoy, best white for vases, flower in profusion, 2½-in., \$4.00 per 100.

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30 varieties, every one fine, \$1.25 per 100.

S. D. Brant, Clay Center, Kan.

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New yellow Baby Primrose, 2½-in., \$7.00 per 100. Chinese, 2½-in., strong, \$1.50; Obconica, strong, 2½-in., \$2.00; 3½-in., \$2.50 per 100. From flats, strong, 50c. Chinese, in bud, and bloom, 3½-in., \$2.50 per 100.

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Baby Primrose. A good thing for Easter, nice, 2½-in., in bloom, \$3.00 per 100; \$25.00 per 1000. John A. Doyle Co., Springfield, Ohio.

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Rooted rose cuttings. Get new blood in your roses. Our cuttings this year are made from grafted plants and only the best wood used. Our prices same as others. Brides, Maids, Meteors, \$1.50 per 100. The new crimson forcing rose Liberty at introducers' prices.

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Bride, Bridesmaid, C. Soupert, Etolle de Lyon, Climbing Meteor, Papa Gontier, \$3.00 per 100; \$25.00 per 1000. Cash.

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Field-grown, Prairie and Moss roses, \$7.00 per 100, extra strong. 2000 hybrid Wichuriana (Mandas), \$5.00 per 100; \$40.00 per 1000.

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50,000 standard roses, rooted cuttings, \$12.50 per 1000. Cash.

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Dillon's wholesale price list of grafted roses and roses on their own roots. Send for it.
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Salvia splendens, 2½-in., \$2.50 per 100; rooted cuttings, \$1.00 per 100.
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Salvia splendens compacta, \$1.00 per 100; \$8.00 per 1000.
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Rooted cuttings, \$1.25 per 100.
Greene & Underhill, Watertown, N. Y.

Salvia, rooted cuttings, \$1.25 per 100.
Greene & Underhill, Watertown, N. Y.

Clara Bedman, \$2.00 per 100.
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Simple's asters, separate colors, crimson, lavender, pink purple, white. Betteridge's prize quilled, mixed, at \$1.00 per oz. Giant branching Comet, rose pink, white, white stripe pink, \$2.00 per oz. Silver Tip, blue and pink, per trade pkt., 25c. Mignonette, Allen's Defiance, 50c per oz. Golden Machet, 25c per oz. Pure Machet, 25c per oz.
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At Mr. E. G. Hill's we saw his Mary Hill, a very good pink, good flower and a good bloomer. His Mary Wheeler, a Daybreak pink, but large blooms and better stem. At Mr. F. Dorner's we saw some of the best seedlings ever grown; his No. 2, a very large white, penciled with pink, every petal fringed, penciled and shaped like a feather. Mr. Dorner called it his cream of seedlings, we called it his queen. His No. 65, a scarlet, is another very large bloom with stiff stem. Mr. Dorner has two large houses, 20x125, full of seedlings of '97, '98, '99. A description of them is impossible; they must be seen. The only regret is that we had not more time to stay and admire these beautiful gems of his skill.

We wish Mr. Dorner may live long to enjoy their presence. KY.

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THE FLORISTS' REVIEW

G. L. GRANT, EDITOR AND MANAGER.

PUBLISHED EVERY THURSDAY BY

THE FLORISTS' PUBLISHING CO.

520-535 Carlton Building, Chicago.

334 Dearborn Street.

Subscription, \$1.00 a year. To Europe, \$2.00. Subscriptions accepted from those in the trade only.

Advertising rates: Per inch, \$1.00; 1/4 page, \$12.50; full page, \$25.00. Discounts: 6 times, 5 per cent; 12 times, 10 per cent; 26 times, 20 per cent; 52 times, 30 per cent. Discounts allowed only on consecutive insertions. Only strictly trade advertising accepted. Advertisements must reach us by Tuesday to insure insertion in the issue of the following Thursday.

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NORWOOD, R. I.—N. G. Pierson has purchased two large greenhouses in Providence and will move them to this place ready for business in the spring.

SHERMAN, TEXAS.—The fall and winter have been mild and very favorable for the nursery trade. Jno. S. Kerr reports his trade, and, in fact, the nursery trade throughout the South, the largest on record. Spring trade is now in full blast and brisk.

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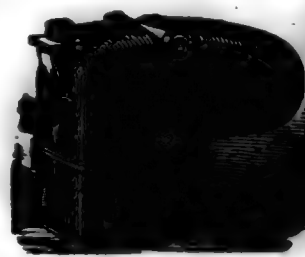
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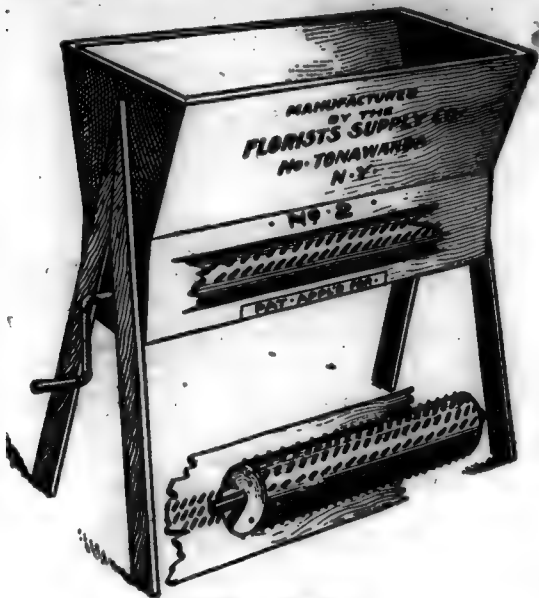
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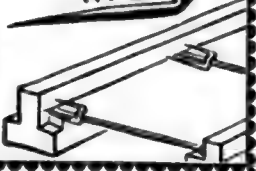
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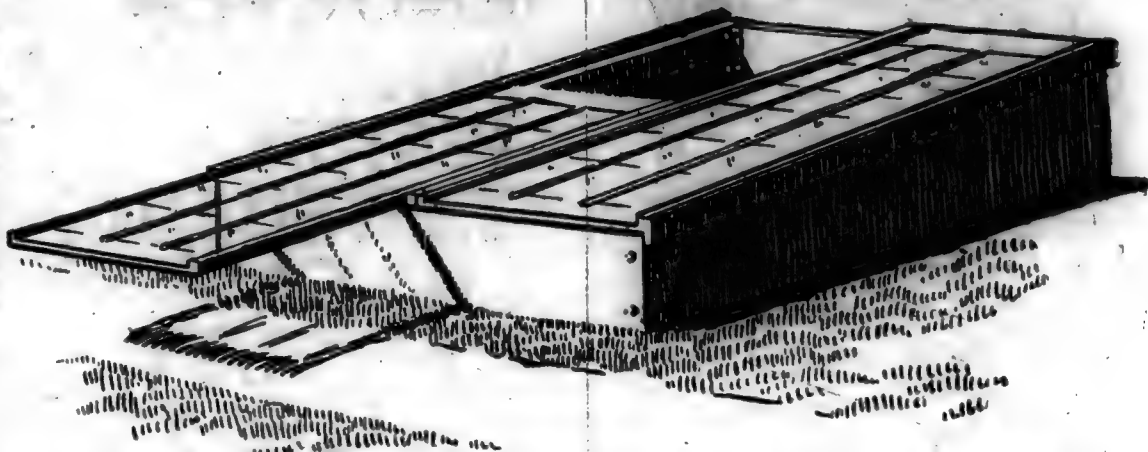
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FLORISTS' PUBLISHING CO., 520-535 Carlton Building, CHICAGO.

Vol. V.

CHICAGO AND NEW YORK, MARCH 1, 1900.

No. 118.

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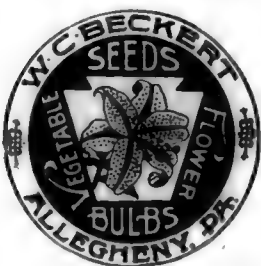
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THE RETAIL FLORIST

Keeping Qualities of Carnations.

At the annual meeting of the American Carnation Society in Buffalo there was quite an interesting discussion on the keeping qualities of carnations. This is a serious matter and deserves the greatest consideration, not alone from that society, but from every one engaged in the florist's business.

It would appear from the reports of the Buffalo meeting that the matter was too deep a problem to be settled even by the experts present. The arguments were good, but it seems to us that an exchange of actual experiences would do much to dispel the atmosphere of the theoretical ghosts some of our scientific growers delight in pointing out. The carnation as a cut flower is far from being understood, even by those who are making a living from handling it. When we consider them in the many different cycles the most of them pass through, growing in the greenhouses, awaiting augmentation and shipment in the grower's ill-constructed shed or cellar, then the wholesaler's ice box, the retailer's store, and the overheated rooms of the wealthy, each element opposing the requirement or laws of the other, we will find there is much to solve. Yet we will see that the flowers themselves are the best indication of what is good and bad for them; in this light, too, they furnish unchangeable finger-posts on the road to success.

It is quite true that much of the weakness in the keeping qualities of varieties of carnations is attributable to various conditions, such as overheated cultivation, system of gathering, the place they are kept in, and the manner of shipping, all of which can be rectified by intelligent usages; but it must not be overlooked that there is also a varietal weakness. Your collection of carnations grown and handled in exactly similar modes will illustrate this. Nor is it safe to be guided by substance. Our experience has been that many of the apparently delicate fimbriated kinds were the best keepers, and this point has often made us imagine that fimbriation, though a detriment to the classic beauty of the

ideal carnation of today, and particularly the future, yet has some value inasmuch as it appears to be a part of a sustaining quality.

From practical demonstrations, which we have recently had the pleasure of seeing, we are inclined to believe that the carnation house of the future will not only do away with much of the troubles we encounter now but will be the greatest factor in the revolutionizing of that flower. Growers are inclined at present to look with disfavor on the high-roofed and roomy house, but we find that flowers grown cool in a pure atmosphere possess the greatest lasting qualities, and may not this determine the architecture of the future? Carnations require not only ventilation, but a large amount of continuous pure air and abundant light.

Whilst a clean cut stem is desirous and conducive to retention of beauty because it is quicker in absorbing liquid, still we consider this of less importance than clean jars and fresh water. Many growers store their carnations and roses in the one cellar, and it is often too moist. Carnation flowers should never be wet, and should not be used until the stems are first well immersed in water. A good, cool, dry cellar, free from draughts and rats, is the best place in which you can keep them.

One of the great troubles retailers have to contend with, particularly with flowers from a distance, is that they are ignorantly packed. Many wholesalers shove every kind of flowers into an ill-smelling newspaper-lined soap or shoe or pork box; heavy bulb stock is put on top of carnations, or they are enveloped in damp tissue paper, and though the flowers may not show their exhausted or bruised condition when you receive them, they generally do so when you most want them not to. To change these conditions, as well as to get a more general knowledge of the flower itself, is not only desirous but absolutely necessary to the future of the carnation as we all wish to see it.

We must recognize and remember this one fact, that the popularity of

the carnation is not due to its beauty or fragrance so much as it is to the, in many cases imaginary, lasting qualities. Most of your customers buy them because they are cheaper and keep longer, and the vital branch of knowledge you desire is to find out the varieties that will keep best in your store; this should interest the grower even more than you. Wouldn't practical demonstrations on gathering, bunching, vaseing and packing the different flowers be of more use than deep paper studies at these annual meetings? Many might be induced to attend if they had to in order to see things. It is not so with papers; the letter carrier brings you those.

There is considerable thought being given to the question, "Will striped carnations remain much longer in popularity?" No one can tell, because it depends more on the size of the flower. This can be said: the uses of striped flowers will always be more or less circumscribed because their effect from a decorative point of view will never be as artistic as the self colors. The decorations of the future will demand much more care in color contrasts and usages than they do now. You will perhaps notice that we are continually passing from one era of fad to another, not always advancing, but often going backwards and forwards.

The textile designers today can learn much from those who lived in the seventh century, and whilst the florist may never look back on one or two lines, yet the architects and colorists who do have an influence on our art which we cannot ignore. Striped carnations became fashionable more because of the silks manufactured in Lyons than from any other cause, and it is their size rather than color which does and will help them to retain their place in popular favor. It must not be thought we are always led by the fads or creations of other arts. No, no; the florist does and is still capable of originating fashions, but there are strict laws defining beauty, and there must be a unity among the elements from which that beauty is created.

Many combinations of colors in flowers when arranged in quantity and under artificial light produce an effect that is merely an illusion; those which are really beautiful under all conditions are of the greatest value. Most of the softest or undecided tones are usually and erroneously styled aesthetic; that quality can be found in the majority of colors.

Plants, Etc.

We would like to have a long chat with the grower who retails most of his stock, but we've only room now for a few words like this: Too many white azaleas is the worst stock you can have. Look to your pansies; you will need lots of them this spring; they will be very popular; have them good.

Primula Forbesi is not worth bother-

ing with from a retail standpoint. *Allium neapolitanum* is grown by many because it's cheap and good for funeral work. It is well to have a choice assortment of bulbous stock on hand. Cheap grade stock may turn out all right for "making up," etc., but it is wrong to confine our efforts to the production of such. Grow a few of the finer kinds and educate yourself as well as the public; it pays to do so.

We know a bulb grower with a ramshackle old place out in Jersey; he pays more for his choice bulbs, but he gets the highest price on the market, and can sell all he grows on Broadway and among the finest stores. Yes, when the market is glutted our

late Duke of Marlborough her bridal bouquet, which we arranged, was a bunch of callas, and she was one of the most particular and generous buyers of flowers we have ever had in New York. Of course, this was a fancy, and her name was Lily, but callas are permissible in many forms of decoration.

What charming colors can be seen among *Azalea Mollis*. They force well; perhaps they don't appear at their best when leafless and in large pots, but they "make up" fine all the same, especially with *adiantum*; and picture the color effects—it is impossible to obtain them from any other class of flowers, and we certainly advise the

you try them? Flowering vines are destined to become more popular as the years go by, mainly because they are not only very beautiful but that they furnish material for the new and best style of decoration; there is far more beauty in a cluster of flowering vines hanging on the wall or in space than there is in a room full of labored efforts in measured garlands or wreaths.

If the furnishings are white or yellow, *bougainvillea* will look fine; if they are black or any of the dark shades, *Bignonia venusta* is best. We speak only of the material in season. A good old stump of *Cycas revoluta* pays for itself; it's a good thing to have. *Cinerarias* are in, of course, but despite their beautiful colorings they are not popular here; the majority of their colors incline to purple and are consequently not in favor as house plants; they are cheap though and pay for the show they make in the greenhouse or store.

Calceolarias make a grand show; try to get enough of them for a window display next month; they're fine for table work or cut flowers, in fact anything, and it's a wonder we don't see more of them. A low bowl of *nasturtiums* is just about as pretty a thing as you can see at present; they are beautiful and eminently suitable for breakfast or luncheon table; they are easy to grow and they pay well. A few sprigs of lemon verbena or clean rose geranium may not be much in appearance, but they are very often mighty important; a store should never be without one or the other.

Mignonette is bought because it is supposed to be sweet; when it lacks that quality, no matter how big it is, it is a failure. We have so many strains on the market now, and the tendency seems to go for size, that much about this flower is misleading and a disappointment. The flower is not at all necessary to a successful business, not in the least from a beauty point of view; a sweet, moderate sized *mignonette* is far superior to the immense scentless sticks we often see. A vase of mixed bulbous flowers, one or two flowers of a kind, and plenty of them, makes a beautiful effect—a charming "Dutch Picture"; anything Dutch deserves consideration these days.

IVERA.

CARNATION ARRANGEMENTS.

In the schedule of the American Carnation Society for the Buffalo exhibition under Class E appeared the following:

The American Carnation Society offers a fine silver cup for the best arrangement of carnation blooms, with their own or other foliage, but no other flowers to be used in the arrangement, and the design or arrangement must be such as to offer some new use for carnation blooms to have the cup awarded.

This brought out two entries, both of which we photographed, and plates appear in this issue. The cup was not awarded, the judges holding that



Wreath of Carnations shown at Buffalo.

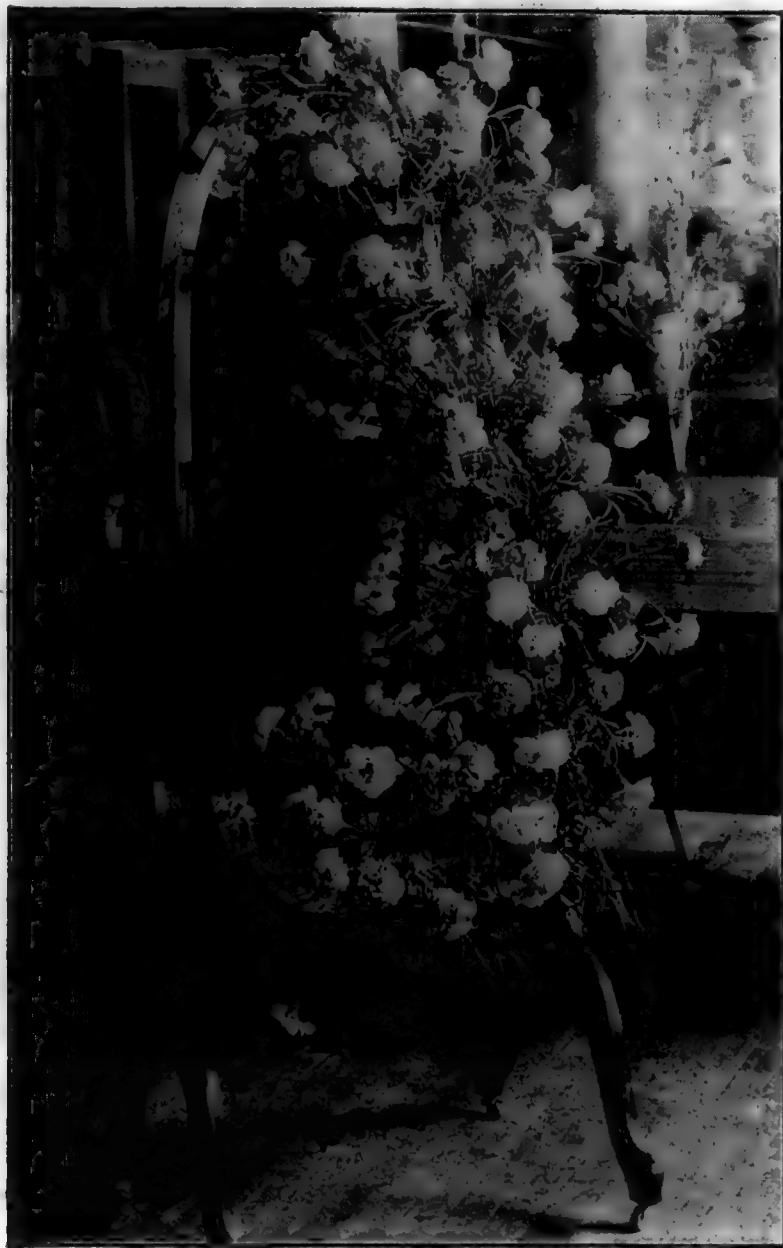
friend sells out and gets his price, simply because his stock is choice and entirely different to the cheap mediocre things one sees in, we are sorry to say, despised heaps all over the markets.

Don't despise that good old flower, the calla, for although our old lady customers seldom order them filled with violets, as they did in the old days, they are even in these ultra extra particular days one of the most beautiful of flowers, and if you want to you can still make the finest of designs out of them. Here's an item never printed before anent callas. When Mrs. Hammersly married the

grower-retailer to try some, and don't be afraid to use them as cut flowers. Quite a business can be worked up in some sections with hyacinths in glasses; if many could see them they'd buy.

You'll soon be thinking of seeds. We mean the packet seed you retail; don't you know this is one of the greatest frauds that could be perpetrated on a confiding public? The vast majority of seed offered in retail stores is a lie; they are too old to germinate. If you wish to dabble in the seed trade, insist on getting good fresh seed, and stop cheating the public, and preserve your reputation.

Penstemons are lovely; why don't



Kift's Decorated Mirror at Buffalo.

neither "offered some new use for carnation blooms." It seems to us that the provision indicated must be abolished if we are to have a really good competition in the arrangement of carnations for decorative effect at the annual exhibitions. It is surely to be regretted that those who went to the trouble of entering did not receive more encouragement, and we trust that next year suitable prizes will be offered for the best arrangement of carnations and their foliage, without any other restrictions.

A glance at the illustration of the wreath of carnations, which was entered by Mr. L. E. Marquisee, Syracuse, N. Y., makes the method of arrangement plain.

The mirror was decorated by Mr. Robert Kift, Philadelphia. The stems of the carnations are in little glass vases of water attached to a metal rod which has been curved to the form desired. It is a patented device of his own and a reference to the engraving in his advertisement in this issue will give you a very good idea of it. It will no doubt prove very useful to florists generally.

WEDDING DECORATIONS.

The Cleveland Town Topics prints the following descriptions of three decorations recently arranged by Ella G. Wilson, the florist, of that city:

The Keith home was most artistically trimmed and decorated for the wedding. The ceremony was solemnized in the reception room, a veritable green and white bower. The walls were covered with white and across one corner of the room, under a canopy of white azaleas, stood the white satin kneeling cushion. Palms and ferns filled in the space, forming a beautiful background. Tall white candelabra holding lighted candles stood on either side of the improvised altar and palms on white pedestals were placed about the room. The mantel was filled with ferns relieved with clusters of white lilies. Garlands of smilax from the chandelier to the side walls formed a canopy for the entire ceiling. Garlands of white roses festooned the archway leading into the adjoining room. Pink roses and white tulips were used upon the buffet and mantel of the room. Pink roses and pink azaleas trimmed the parlor. A pretty feature of the hall decorations was the trimming of the mantel on the broad stair landing, two steps up from the floor level, this being quite concealed by foliage plants and American Beauties. Palms stood at either side of the landing.

The beautiful house was exquisitely decorated for the event and the pretty

fancy of their commemorating St. Valentine's day was happily carried out by having the floral decorations throughout the house in heart-shaped design. The marriage was celebrated in the living room, a room of most generous proportions, finished in Flemish oak and beautifully furnished and decorated. The large fireplace was banked with ferns and foliage plants; and before it was a great heart-shaped arch of white roses and carnations. Beneath this was the white satin kneeling cushion, a white heart at the back taking the place of the usual rail. The gleaming candles in the green background added much to the unique floral design. This room quite resembled a forest of palms because of the great number used about the room.

The pretty home was beautifully decked and trimmed with flowers. Colonial garlands of pink and white roses and white carnations with smilax festooned the archways of the several rooms. The dainty pink and green reception room was decorated with vases of pink roses and palms. Red roses and foliage plants were used in the parlor and yellow daffodils graced the library. The mantel here was filled with ferns and plants relieved with clusters of white azaleas. The serving table in the red dining-room was done in white and green. There was a center decoration of white roses, white hyacinths and maiden-hair ferns tied with bows of green and white gauze ribbon. The silver candlesticks held candles with beautiful green silk shades. A shower of white roses depended from the chandelier above. White tulips and hyacinths and candelabra with green candles decorated the buffet.

A UNIQUE SCHOOL.

On the banks of the Hudson high up on a knoll, every foot of which is sacred in the history of the American revolution, there stands today one of the most interesting establishments to be found anywhere. It is the New York Deaf and Dumb Institute, situated at 165th street and Washington avenue, New York City. Several hundred boys and girls are being cared for and educated here. The buildings are large and specially designed, and the grounds surrounding them extensive.

But it is only to the horticultural part of the institute that we wish to draw attention, and the greatest credit is due Prof. E. H. Currier for the establishing and maintenance of this beautiful section of the educational department. At one side of the lawns stand a group of model greenhouses, a rose house, a carnation house, general plant house and a fine conservatory, all of which are filled with stock in the best of condition. The cut flowers and plants are used in the painting and designing classes at the school, but the most important is the horticultural class, consisting of 35 boys, who daily work among the plants in the greenhouses, and are taught common sense, practical lessons in gardening by our friend, Arthur K. Petit, who has charge of the plants and grounds.

Some of the very finest cyclamen ever seen in New York City have been grown at this place, and by what we saw there at the time of our visit this reputation is in no danger. Mr. Petit is getting a fine batch of pelargoniums into shape and hopes to be able to

exhibit them at some show when in bloom. The visitor to these green-houses during school hours will see



TROUBLE WITH ROSES.

I have a house planted with Brides, Maids and Perles. Temperature is kept at about 55 to 58 degrees at night, with the exception of one or two very severe nights, when it dropped to 50 degrees before morning.

The Brides and Maids are dropping their leaves and an occasional plant turns black at the base of the stem and finally becomes limp. The roots appear to be all right.

In other years I have had good success in rose growing and do not think I have neglected them. Is it a disease, and if so, what shall I do to check it. I do not like to give food to the plants while they continue to drop leaves. Have kept them rather on the dry side. SUBSCRIBER.

Replying to Subscriber, must say that the drop in temperature to 50 degrees on cold nights cannot be responsible for the roses dying, nor do I think from his description it is a disease. Am inclined to think it is an injury the plants may have received, as only an occasional plant dies. During the dark months roses frequently drop a number of leaves, and if the plants are in a good condition this does no harm, but if the dropping is excessive and is indicative of disease the leaves that do drop should be thoroughly cleaned from the bench with any other loose material that may be on the surface.

From Subscriber's letter I am inclined to think the bark at the base of the plants which are dying has been injured, either mechanically or by an insect. Would advise him to examine the base of such plants as show they are affected to ascertain if an insect has injured the bark; if so, it must be destroyed, when his trouble will be relieved. Then give the beds a thorough examination; that is, go to

much of interest. The students are mute, so are the plants and flowers, but there is a language understood between them. Affliction seems to lose much of its darkness among the brightness and fragrance of flowers. All honor to those who recognize the influence and importance of horticulture. J. I. DONLAN.

the very bottom of the benches and as close to plants as possible, and see that the soil is damp to the bottom and on the other hand not soggy, and then apply water so the bed is in perfect growing condition. (I judge Subscriber knows when his soil is in proper growing condition, as he states he has had good success heretofore.) Keep the soil in good growing condition, a little on the dry side, till the plants are making a good break, then increase the supply of water as they require it. Do not apply any feed until plants are in good growth again and then a little liquid manure may help them along.

Subscriber should, in preparing stock for next season's planting, use wood from plants that are in perfect health, taken with a keen knife; the greatest care should be taken not to injure the bark in making or inserting the cuttings, nor in fact at any stage in their growth from the time they are taken from the plant as cutting wood till set in the bed.

I have seen plants put in benches with the bark partly black or a black ring around the plant, the stem above and below in good condition; have marked several of these plants, and in every case they have died at some stage of growth before the 1st of February.

To have plants go through the dark days of fall and winter too great care cannot be taken to have them in perfect health in every respect at time of planting. A. O. T.

PIECE-ROOT GRAFTS ON ROSES.

I have been waiting for some one to tell me how it is done and what advantage it has, if any.

I suppose all florists know that the millions of young apple trees that are sold every year are propagated by what is known as the piece-root graft. Nurserymen are all busy now making them and packing them in damp sawdust so as to have them ready to set out in the spring.

Now, it occurred to me that the same might be used on roses. Having

received in the fall of 1898 a very poor lot of Manetti plants, I cut off the best plants and made a thousand root grafts, and put them in the sand just as we would common rose cuttings. They nearly all rooted and made strong plants. We planted them in one end of a bench and planted out the balance with other plants on their own roots. We thought that we could see a marked difference in favor of the grafted roses for three or four months, but today I could not tell which were grafted if I did not know.

I set out the Manetti stocks; they soon made new roots and we have 2,000 more piece-root grafted roses in the sand, which are rooting nicely. I think if I had let the Manetti stocks stand two years before taking them up they would have made roots for eight or ten thousand grafts.

The weather was mild and the ground in good condition, so I set out my Manetti stocks for the second time last week. I intend to let them grow two years, so as to make strong roots.

I hired a man who makes grafting a business every winter. He can put in from 1,500 to 2,500 a day with the help of a boy to tie. I paid him \$2.50 a day, so, if this proves any help in the growing of roses it need not be expensive.

I suppose many other florists have tried the same thing and would be glad to learn how others have succeeded. Also, if grafted roses have any real advantage over those on their own roots.

GEORGE M. KELLOGG.

Pleasant Hill, Mo.

ROSE BEDS.

We have a center bed in a rose house which we wish to make a solid bed for roses, the bed to be planted in June. It is sided up about two feet high and was filled with soil about sixteen inches deep, leaving eight or nine inches on top to be filled in.

What we would like to know is, would it do to fill in two or three inches with coarse coal cinders and then fill up with good rose soil about six inches deep? Would that make a good drainage, or would coal cinders be in any way dangerous to roses? Would it be best to make the layer of rose soil deeper. SUBSCRIBER.

I have never used coal cinders in filling solid beds for roses, but if the ashes are screened out so there will be good drainage there is no doubt they will be all right, as for many years I have used fine cinders and ashes on benches on which young pot roses were set, and when the roots came through the pots and got among the cinders they were always fleshy and clear white, showing they were in congenial surroundings, and the plants made very rapid growth.

At one time I purchased a lot of 2-



New Scarlet Carnation Estelle.

inch roses and upon unpacking them found the soil had a great deal of the cinders that are taken from the front of a locomotive boiler, and I never saw finer plants with better roots, so I am sure the cinders will be rather an advantage than a detriment. I would prefer not having the soil more than six inches deep. I would make the coal ashes four or six inches deep rather than two or three inches.

A. O. T.

ROSE GROWING WITH CHEMICAL FERTILIZERS.

We have received a printed report of some very interesting experiments in the use of chemical fertilizers on roses that have been carried on by Prof. Wm. Stuart, Assistant Botanist of the Indiana Agricultural Experiment Station at Lafayette. The report covers a great number of trials of different chemicals, under various conditions, and results are shown by half-tone engravings from photographs of the plants.

Prof. Stuart concludes his report with the following summary:

"There is every reason to believe from the results obtained in the several experiments enumerated, that chemical fertilizers when properly used may be made to serve every need of the rose plant so far as food is concerned.

"The use of raw bone meal in every instance gave an increased yield over

that of the control plants, as well as giving a greater percentage of gain than did those receiving other forms of phosphoric acid.

"Pure bone meal is not injurious to rose plants, even when applied in amounts largely in excess of the requirements of the plant.

"The acidulated bone meal which has been used by florists and supposed to be harmful, did not produce any noticeable injury, even when used in large amounts.

"As a rule, a combination of phosphoric acid and nitrate of soda gave better results than one of phosphoric acid and muriate of potash.

"Two or three applications of potash during the season was found to be preferable to a single application, although in some instances no injury from the single application was apparent.

"A larger number of Perle roses were produced from plants grown in a black than in a clay loam, while the Kaiserin gave reverse results."

THRIPS ON ROSES.

In combating thrips on roses Prof. Wm. Stuart, of the Indiana Experiment Station, reports that frequent spraying of the plants with a weak solution of Rose Leaf extract of tobacco, one part of the extract to 75 parts of water, proved efficacious. The spraying was done in the evening, and followed up in the morning by a

hard syringing with water. Three or four applications were generally sufficient to destroy or drive away the thrips.

WETTING COAL.

I would like to hear from any florists who have experimented with wetting soft coal before using it. Is there any benefit in it?

I notice that all the railroads do it and all coal used on locomotives is wet before being used. Some benefit must result or railroads would not demand it of their firemen.

I would like to hear from anyone that has tried it. P. S.

We referred the inquiry to a large dealer in coal, who replies as follows:

"It is sometimes considered a good plan to wet coal before using, especially where there is much fine coal, the idea being that not only is the dust kept down, but the coal gives a longer flame when burning, by the heat decomposing the water into oxygen and hydrogen, which are afterwards burnt in the flues. This plan is therefore used when the flues are long. On the other hand, the advantage of this plan is questioned by many engineers, owing to the fact that the benefit derived from the longer flame is offset by the loss of heat required to decompose the water. Speaking generally, however, we would say that in boilers where the flues are long it would under any circumstance be advisable to wet the coal, but where a long flame is not particularly desirable, the only benefit derived from wetting the coal would be to keep down the dust."

The editor of "The Black Diamond," Chicago, a periodical devoted to the coal industry, says: "There is no direct benefit obtained from wetting coal prior to consumption. There is, however, an indirect benefit—that which obtains from the concentration of the smaller particles of carbon and dust; other than this there is none."

OBITUARY.

E. S. Carman.

E. S. Carman, for twenty-five years editor of the Rural New Yorker, died yesterday (February 28) at his home in New York, of pneumonia, aged 61 years. He leaves a widow, son and daughter.

Mr. Carman was a man of marked originality and ability and he made his paper a potent factor in the advancement of horticulture. He carried on very extensive experiments upon his own grounds and his crosses between various grains, potatoes, berries, etc., as well as roses and other ornamental plants, brought forth some striking and useful results that have made his name known in every state in the Union.

He was a man of strong convictions

and in his paper carried on a vigorous campaign against anything in the horticultural world that did not accord with his views of what was right, and he knew no fear in doing what he

considered his duty. He was withal a man of broad education and refinement. In his death American horticulture loses a powerful supporter of its best interests.

MISCELLANEOUS SEASONABLE HINTS.

Fuchsias.

I have had occasion to remark before that fuchsias propagated after this date make poor plants. The plants have given so many cuttings that the growths now made at this late date want to flower and make but a poor growth. Don't throw away your old plants of fuchsias. If allowed to grow on they make fine material to again give you good plants for another year's propagation; or if you are asked to fill up a shady bed or border with these pretty and old familiar plants, the old plants will be most satisfactory.

Remember, in growing on young fuchsias they should not have less than 50 degrees at night, plenty of syringing, and shifting whenever needed. The soil should be at least one-third rotten manure and it is worth while to mention that well decayed refuse hops suits fuchsias better than any other manure, and there are few of our soft-wooded plants that it does not suit. Many years ago we grew our La Purite and Edwardsii carnations well for those days with at least a fourth of refuse hops.

Lemon Verbena.

The lemon verbena always sells well and is always in demand, and a stock is easily produced if you have a few old plants that were grown in pots last summer and kept nearly dormant till now. Get them up, shake out the soil, repot after cutting back the shoots just a little, start growing in about 55 degrees, with plenty of syringing, and you will get any amount of young cuttings, which, if not allowed to wilt in the sand and given lots of water, will root as surely, if not as quickly, as an ageratum.

Lantanas.

Lantanas should also now be started in a warm house, and the young growths root easily. These plants are not grown as much as they were, but in mixed borders are useful, free growing plants.

Hydrangeas.

Hydrangeas that are wanted for late May sales will be starting to make a

growth if they are kept where they usually are—under a cool bench. Don't let them make a weak growth there. It is better to keep them in the light from now on, but in the coolest house you have. I have found that about the same time that bedding plants go is the time when there is the best demand for hydrangeas. They are usually bought to stand on verandas and the less advanced they are the more satisfactory they will be.

It is a good time now to put in a batch of hydrangea cuttings for your next year's forcing plants. They root most readily. The strong young shoots from the bottom of the plant make the best stock, far better than the weaker terminal growth.

Cannas.

It is a favorable time now to get up your canna roots and clean and cut up. Under a bench, where there was little drip and kept from the ground by boards, ours have wintered. A single piece of root with one good eye is plenty large enough to make a fine plant for spring planting. Even if you are not ready to start them they are no worse for being cleaned a few days ahead.

Much time and room is saved by starting the canna roots and caladiums in flats with an inch or so of soil in the bottom. Well rotted manure is just as good and then two inches of sand. The roots can go quite close together and be well started before they need the 4 or 5-inch pot. We usually don't have bench room for the cannas or caladiums until our Easter crops are cleared out, so don't put the canna flats on the pipes more than four weeks before Easter.

Viols.

We have had the greatest success with some benches of Marie Louise violet this winter and some benches not as good, and without exception the best plants and best results have been those from plants propagated from cuttings of the true runners cut off and put in the sand as we do other cuttings. The trouble is it is difficult to get enough of the runners to give

you sufficient stock. I mention this now because the plants will now be sending out runners and none should be wasted. Put them in the sand, and the same bed that roots carnations does finely for the violets, which is equal to saying any box or bench of sand in a cool house.

WM. SCOTT.

BOTTOMLESS POTS.

In the issue of The Review for Feb. 15 I notice an article Re unfavorable reports of bottomless pots, and do not think it justice on my part not to mention this fact. Last fall I read in The Review about bottomless pots, and having some A. Sprengeri in pans that needed shifting I thought it would be a good idea to try the bottomless pot system. I knocked the bottoms out of the pans and planted in bench in 12 inches of soil and they have done remarkably well.

Were the pots made a little deeper, say, 15 inches; they are in my opinion a grand acquisition for growing A. Sprengeri, having all the advantages of the bench, besides keeping the fronds from getting dirty, and better than hanging baskets, as they do not dry out so quickly. Also I believe there are probably other things this pot may be useful for, and hope before it is altogether dropped the florists will give it a fair trial.

HARRY McNAUGHTON.

Berlin, Ont.

[The item we published was based entirely upon reports from violet growers, and we understand that this style of pot has been most largely used by them.—Ed.]

EXPRESS SHIPMENTS.

We notice that at the convention of the Carnation Society some reference was made to express shipments and losses on same. I would like to have the opinion of wholesale plant shippers on the following case:

J. shipped a box of palms to M. on 11 o'clock train Saturday night. It was zero weather at the time. The box had a double lining of paper inside and express paper outside, no wadding being used. M. got the box from the express company on Monday, also a letter, at 8 a. m. The plants were frozen stiff. M. wrote to J. and asked whether to return the box or throw the plants on the dump pile, as they were not accepted. J. wrote back saying that M. should put in a claim against the express company.

M. holds that as the plants were not properly packed he had no claim against the express company, and if such a claim was to be made it should be done by the shipper. And he don't believe it would be just to make the express company pay, anyway. It would be an encouragement to the shippers to pack plants "any old way" and then claim damages from the express companies when injury results.

M. is 22 miles from J. and the box of plants was valued at \$19.00. Who should stand the loss in this case?

M.

SAM'S IMPRESSIONS.

We were awfully glad to know that our worthy friend, W. T. Bell, of Franklin, Pa., brought along to the carnation convention his inseparable friend, old Sam De Graw. We are apt to call him old, but he is little more than in the very prime of life, but having hibernated among the rocky ravines of the Alleghanies his environment has left its mark on his rugged character and he has become slightly fossilized, which has added angularity and grotesqueness to his natural rock ribbed character.

Every one who has the pleasure to know Sam intimately knows full well that Sam's personality is of the purest gold without alloy and that the exterior imperfections in both appearance and rays of character have been produced by the friction and repelling operation that has been continually warring against baser metals. More could be said in favor of old Sam's sterling worth, but with all that admitted it is a pity that he emerged from his mountain fastnesses with such a pessimistic temperament when visiting Buffalo on the 15th. Some of his impressions are liable to go abroad and create an unfavorable and erroneous impression.

He is undoubtedly a good observer, but on this occasion preferred to look through the wrong end of the telescope or he would never have discovered that quarter of an inch which was shy. Some reliable men say that "666" will measure a plump four inches. Hurry, boys, especially you whose name Sam wants to mutilate, and get that extra quarter of an inch on, and then perhaps old Sam will be satisfied. Why quibble over a quarter of an inch? If Sam had taken home a flower of "666" and compared it with the best of his home product it must have satisfied him of the marvelous advance in the carnations of today over those of ten years ago.

We last saw Sam going down the elevator, and with a chuckle and wave of the hand he exclaimed: "I am glad I came; yes, I'm glad, for there is no 4-inch carnation yet." One would think from the exultation displayed and radiance of victory that Sam had the only 4-inch flower in his native valley and that he had achieved a great conquest.

He is an observer true enough, for he mentions the best appearing flowers as they appeared in their "party dresses." This would lead one to suppose that there was some method pursued by exhibitors to artificially prepare the flowers, while I feel sure there is none. They are merely the best flowers picked and packed in the ordinary way and displayed in very ordinary vases.

Sam does not "burst." True enough, more's the pity that he did not burst just a little bit with enthusiasm at the

wonderful flowers which must have been a revelation to him, if not to those who have been constant attendants at these annual shows.

Sam remarks about each class being staged together and remaining so during the show. That was never followed out so consistently as at Buffalo, and the writer had no little to say about it. It is the only way. To dot exhibits all over the hall to suit the fancy of every exhibitor is a relic of the pumpkin fair. So instead of telling us what we should do, Sam might have made us feel good by a remark of this sort: "Considering the lateness of arrival of many of the flowers, the exhibits were staged in good order and the judges had not to wander all over the hall to make comparisons." But bless old Sam's heart, you could not get a compliment out of him with a post auger.

Sam condemns again the method of scoring or scaling points in judging the applicants for certificates, but his last remark leaves the matter in chaos. It is a windy, voluminous subject, Mr. Editor, but as one of those who have judged in the certificate class for the past four years, I must say a word in its defense. Whatever they had the misfortune to do in Chicago we have nothing to do with, and the judging committee of the A. C. S. has never scored on a flower yet that came near perfection in all points. It is by comparison that points are scored. When a flower appears with the stem of a Jubilee, the size of "666," the form of Gov. Roosevelt, the substance of Day-break, the calyx of Mrs. Bradt, with a strong clove fragrance, it will score full points on those qualities. If it is a white, that is, pure white, or a scarlet the shade of old "Dazzle," it will deserve full score for color. In intermediate shades it must rest on the judgment of the judges.

Don't you think that the men who have judged the seedlings for several years know what is about the highest standard and in all the qualities that go to make a fine carnation? They do, as the result of their judging for several years past will show. And with a remarkably small exception their judgment has been verified by the variety which scored high, or on the other hand by the poor success of varieties that did not receive a certificate. To appoint men as judges who had been in the backwoods for ten years and had not watched the gradual but certain development of the carnation would be unwise, but men who are acquainted with all the varieties of the past ten years are well aware of what is the present standard of perfection, and no flower possesses them all. So it is by comparison that we judge and score the points, and I believe it is entirely satisfactory at present. A proof that it is is evidenced by all the leading growers submitting their seedlings to be passed on.

The crudest cut of all that old Sam gives us is his remark about the convention room. He says he looked in and thought it was a smoker. Now, truthfully, there was not 5 per cent. of

the men present smoking. If he had been among us, which was his right place, he would have seen young Mr. Craig ably presiding over an earnest lot of men discussing very practical questions connected with the culture of the carnation and the very faint odor of nicotine would have dispelled that halo of victory which the absent quarter of an inch produced. Men have been known to die with too much and too sudden joy. Sam's imaginary victory weighed on all his nerve centers and clouded his profound intellect.

It was no smoker, gentlemen, far from it; it was an earnest and instructive meeting, and what would have added greatly to it would have been the sound sense and shrewd observations of such men as old Sam De Graw. Always speak your piece in the "meetin' house;" don't go outside and find fault with what occurred unless you fought against it.

It can be proved with slight argument that these conventions are to the credit and glory of all concerned. The man who does not participate is a beneficiary just as much as those who spend their time and money to attend. All are benefited. Whether you will or not, you can't help but reap a benefit, and among other blessings is the opportunity to meet dear old Sam De Graw.

BUFFALO.

ST. LOUIS.

Floral Euchre.

The floral euchre party given by the club last Friday evening was a grand success, considering the weather.

The prizes, 58 in all, consisting of palms of all kinds, ferneries, blooming plants and boxes of cut flowers, were donated by the following florists: F. C. Weber, Beyer Bros., Wm. Schray, F. J. Fillmore, Julius Koenig, Geo. Windler, C. C. Sanders, C. Young & Sons Co., John Kunz, John Steidle, J. F. Ammann, C. A. Kuehn, F. J. Windt, Henry Emundt, Max Herzog and J. J. Beneke.

Although there were 260 in attendance, the cold weather no doubt kept many away. The arrangement committee had everything in readiness at 8 p. m., and after playing twelve games the 58 prizes were given to the winners.

Dancing, which the young folks enjoyed, was then begun, and not until 2 a. m. did the last person leave the hall.

The euchre, which will net the club about \$100, was voted a success and many expressed the wish that the club repeat it before the winter season ends.

The Market.

Business is still very good and all florists report an exceptionally good week. Plenty of funeral work and plenty of weddings and parties. The West End florists report a good February trade. The down town florists also say that February was a good

month with them. Quite a number of weddings will take place this week owing to the approach of Lent and after this week business will be quiet for a while. Flowers will be more plentiful again and the high prices will drop.

The wholesale men report an excellent shipping trade in roses and carnations. Prices on stock at this writing are as follows: Meteors, extra fine, \$8 and \$10; seconds, \$5. Brides and Maids, extra, \$8 and \$10; Woottons and Perles, \$4 and \$5; American Beauties are from \$3 to \$6 per dozen. All the above are still scarce and the demand great. George Kuhl, of Pekin, is sending in roses as good as any. Carnations are in great demand and not half enough come into this market to supply the demand; any color, common or fancy, are sold at good prices, the average of which is \$2 and \$2.50, while some extra fancy bring \$4. Valley, hyacinths and daffs are the same as quoted last week. Harrisii and callas are in great demand at \$12.50 and \$15. Great quantities of California violets are coming in just now and sold last week at \$2.50 per 1,000, 40 cents per 100. Small singles are low in price and southern stock is unsalable. Smilax is slow at \$12.50.

Notes.

Visitors in town the past week were George A. Kuhl, Pekin, Ill., and Charles A. Stevens, foreman for Mr. Kuhl, also of Pekin.

Your correspondent has received a letter from our old friend Thomas Carroll, formerly of this city, now at San Francisco, Cal., who writes that the climate is doing him lots of good, but that he does not expect to recover his eyesight. He is living a quiet life with his sister and will not return to St. Louis until next year. He wishes to be remembered to all his friends through The Review, which he has read to him every week in Frisco.

C. Young & Sons Co. have been very busy the past week. They furnished the decorations for one of the largest weddings of the season on Friday, using an enormous amount of flowers of all kinds.

From present indications quite a number of new greenhouses will be built the coming summer by several of our large growers and also by the smaller ones, and especially at Kirkwood, as nearly all of them there will add to their present ones.

Some of the boys of the bowling club are wondering what has become of our old friend and former member of the club, Duncan Finlayson. We have heard that he got married. Some of the boys would like to hear from him, and as Mr. Finlayson always reads The Review, we expect to hear soon how Mr. and Mrs. Finlayson and family are getting along. Come, Duncan, don't be bashful. You know you were our best, and had you been at Detroit with us we would still be the champions.

Bowling.

The Florists' Bowling Club rolled its usual five games on Monday night. The attendance was slim. Mr. Wm. Adles of the Juniors was a visitor and rolled with us. The scores and averages were as follows:

	1.	2.	3.	4.	5.	Tot.	Av.
J. J. Beneke...	137	209	156	139	165	806	161
C. A. Kuehn...	124	166	176	165	148	779	156
J. W. Kunz...	139	172	152	134	164	761	152
F. C. Weber...	88	161	142	177	137	705	141
C. C. Sanders...	138	164	125	157	100	684	137
Wm. Adles	90	117	110	93	137	547	110
J. J. B.							

NEW YORK.

Some coming events cast their shadows before. Lent always does to the flower business. There was a sudden stop to the fast whirl of trade and many there are who will still dig for reasons.

Albers & Co. have opened a retail florist store at 46th St. and 5th Ave.

Moore, Hentz & Nash, 119 West 23d St., are receiving exhibition Bridesmaids. They find their way into the Broadway stores, be trade good or bad. So do Thomas Young's Brunners and cattleyas.

The New York Gardeners' Society's carnation show and quarterly meeting will be held on March 27th, the first day of the American Rose Society's show. Mr. C. W. Ward has offered the Gardeners' Society a silver cup, value \$25, for the best collection of carnations. There must be 12 blooms of a kind, and not less than 5 varieties, 3 of which must consist of the following varieties sent out by Mr. Dorner: Scott, Albertini, Richmond, White Cloud, Gold Nugget, Crane, or of the sorts disseminated by Mr. Ward, viz.: Mrs. Jas. Dean, New York, John Young, Glacier, Maceo and Gomez. All the new carnations will be at this show, and those wishing further information will get it by applying to J. I. Donlan, 43 West 28th St., New York city.

The results at the bowling alleys last night were:

A. Marshall	141	160	151
T. Lang	170	136	131
W. Siebrecht	150	147	142
C. Moody	180	170	130
F. Traendly	150	137	134
L. Hafner	126	158	140
C. Schenck	141	108	...
S. Butterfield	119	129	123
J. Withers .....	...	112	96
J. Manda .....	...	152	146
J. Donlan .....	...	103	145
T. Roehrs .....	...	...	125

J. I. D.

PHILADELPHIA.

The Market.

Most of the retail stores report business as being very quiet, which they attribute to the rough weather of the past week.

Beauties, \$1 to \$6 per dozen; Brides, Maids, Kaiserins, Meteors and Golden Gate, \$3 to \$10; fancy, \$12; Morgans, \$5 to \$10; Gontiers, \$3 to \$4; Perles, \$3 to \$6. Carnations, ordinary, \$1.50; fancy, \$2 to \$4; valley, \$3 to \$4; hya-

cinths, \$2 to \$4; mignonette, \$3 to \$4; narcissus, \$2 to \$4; sweet peas, \$1.50 to \$2.50; daffs, \$3 to \$4; tulips, \$3 to \$4; callas, \$10; violets, single 25 to 50 cents, double 25 cents to \$1; smilax, \$15; adiantum, \$1; asparagus, \$50.

Various Notes.

A vase of the new carnation Marquis in the window of H. A. Dreer attracted considerable attention.

J. J. Habermehl's Sons did the decorating for the Philopatron ball. It was one of the largest of the season.

Hugh Graham executed the decorating for the Hebrew charity ball. It was a grand affair.

A meeting of the Farmers' Institute for Philadelphia county was held on February 24 under the auspices of the Pennsylvania Horticultural Society and the Florists' Club of Philadelphia at Horticultural Hall. There were two sessions, afternoon and evening.

The address of welcome was delivered by W. Atlee Burpee.

Mr. Meehan, Jr., in the absence of his father, read a paper on landscape gardening, which was very instructive.

Prof. MacFarlane, of the University of Pennsylvania, gave an illustration of the Botanic Gardens of England in the shape of lantern slides showing different water lily ponds, fern and palm houses.

W. H. Taplin read a paper on "Ferns Specially Adapted to House Culture."

The Bowling Club has arranged for a theater benefit on March 16 at the Walnut Street theater. Tickets can be had for same at the club room.

Mr. Bancroft, Jr., of Cedar Falls, Ia., was one of our visitors the past week. R.

BOSTON.

The first half of the week beginning February 19 consisted of three very busy days for our growers and salesmen. Goods of all kinds were in plenty, but the good demand made use of them all. Since the middle of the week there has been a falling off in both supply and demand. This is caused probably almost wholly by heavy rains all day on the 22nd and at times ever since to the end of the week. High grade roses and all grades of violets got too plentiful for Saturday, the latter getting upon the street in the evening in astonishing quantities.

Although prices on bulb goods have run rather low most of the time this winter, there has been no general slump on the market, and no goods of the kind have gone to waste, and growers in that line confess to the best season for five years. Perhaps they are hardly out of the woods yet, but their expressions indicate they think the danger point passed.

I hear a number making the remark that the new firm of Long & Marshall, Hotel Thorndike, florists and confectioners, seem to be carrying on a good enough business. Well, they know how, and have a good chance to do it.

Mr. Calder reports very favorable results from his removal to present quarters, assigning it all to the fact that all subway cars now pass his door, many customers making the remark they saw his sign and jumped from the car to purchase.

It needs no words on their part to establish the fact that Houghton & Clark made a good move when they crossed the street last fall. They have surely nearly doubled their business.

It is hoped that a good white carnation will be evolved from the trade exhibition next Saturday. B. T.

BUFFALO.

The worst storm of the season visited this locality on Saturday afternoon. Rain turned to snow, and then came a 60-mile-an-hour breeze, and the key being out of my bedroom door, which opens on to a balcony, there was a foot of snow on the carpet in the morning. Of course, it was not all over the room, but in drifts, the largest drift being three feet from the keyhole where all the snow had passed through. This may seem improbable to a native of Sicily, or even the south of England, but is a common occurrence in Buffalo even in the best regulated families.

Under such conditions many of our oldest inhabitants have passed away (some even frozen to death) to that bourne where snow and ice is popularly supposed to be non-existent, however much their elements would be enjoyed.

Business has been better than for several weeks past and no scarcity of flowers. Most of the store windows are gay with azaleas and other flowering plants, and tulips always liven up and look cheerful.

We are always sorry we cannot send you a bowling score, but sport is at a low ebb. The nearest thing to report in that line is Prof. John F. Cowell's trip to the everglades of Florida. He hopes to bring home some live alligators and perchance a Seminole squaw who has escaped the happy hunting grounds and the civilizing bullet, but incidentally he will look for tall and stately palms to adorn the magnificent conservatory at South Park.

We did not see him off, but understand that he took his friend Rudd's advice and loaded his grip with the great and popular antidote for snake and tarantula bites. We trust the professor will be saved both from the bites and the antidote. The latter is sometimes most deadly.

We understand there is a large herd of bulb growers traveling west. They have not struck our town yet, and perhaps we may escape. Mr. Giesy, of Cincinnati, is in town, and when he is around you neither feel cold nor lonesome. Mr. McHutchison, of New York, was also here looking after Pan-American prospects. It seems to me that if Mr. Mc. talks as they do in Australia, that his accent is preferable to any we hear. It is not so frothy as the Cockney, nor as soapy or slangy as New

York, nor so nasal as Chicago, nor so much "aaw" as Philadelphia. It is sharp, clear and pleasant. This is no credit to the young man, because it is the accent of the antipodes, and he imbibed it as naturally as a Cockney says "You cawn't, cawn't ye."

We recovered from the carnation convention with the greatest promptness and pleasure and are ready for another at your earliest convenience, but must content ourselves with looking forward to Baltimore; and, by-the-by, those pictures of Mr. R. Halliday are, in my opinion, very unlike him. The real, live, animated Bob Halliday is quite a different looking man, and to prove it I trust all my readers will journey to the land of the Oriole next year. W. S.

BALTIMORE.

Within a few months will be removed two glass structures which mark an epoch in horticultural development in this city. These are the conservatories at Patterson Park and at "Bolton," the home of Mr. W. W. Spence, the latter of which has been bought as the site for the new armory of the 5th regiment, our crack militia organization. Both of these houses are of the curvilinear type, with a central palm pavilion and wings for stove and cool specimens, and were erected by the predecessors of the present Lord & Burnham Co., and nearly at about the same time, say, between 1875 and 1877. Just in that era the Maryland Horticultural Society had been re-established, and for years a wave of enthusiasm for collections of fine plants passed over the community. Such men as Wm. H. Perot, Wm. T. Walters, Wm. W. Spence, Robt. W. L. Rasin, the Garretts, the Hoens, Edward Kurtz, Captain Snow, George S. Brown and other private cultivators, and those in the trade, such as Wm. D. Brackenridge, John Feast, Robt. J. Halliday, Andrew Black, Sam'l Feast & Sons, James Pentland, etc., had collections of foliage and flowering specimens equal to those found in any other community.

The fondness for such displays extended to our city parks and, to accommodate the accumulation there, the conservatory now going into decay was erected, much to the pleasure of the people of that portion of our municipality, in which Patterson Park is located. About the same time Mr. Spence put up what was then esteemed a beautiful example of a modern plant structure. Like the other, it is about at the end of its life. For several years past it has been in charge, with the surrounding handsome grounds located in the heart of an urban population, of Mr. John Donn, long known as one of the stand-bys of the trade here. Beginning at Kew, filtering through the Americanizing hands of Peter Henderson, head gardener at Mrs. Isabella Brown's, then in successful business for himself, Mr. Donn has

gained in substance, reputation and avoirdupois. He was one of the leaders in popularizing chrysanthemums in this territory, and to his energy, influence and persistence the success of our earlier shows was largely due, whilst doubtless in pecuniary returns he gained more than any other who embarked in the exploitation of these popular favorites.

Reference in a late Review to one of our older gardeners brings up another notable figure—James Pentland, now the very Nestor of the craft! Of the tough fibre which is the outgrowth of North Irish, or Scotch-Irish blood, he carries his eighty years jauntily, his head silvered, but his eye as bright, his heart as light as a boy's, his step unfaltering, his spirit undaunted. For two-thirds of a century he has worked with a trowel and knife and spade, at the bench, in the trench and in the nursery row, and worked, too, just like he played—with all his might. He has always been known for his frank speech, and friend as well as foe was likely to get the rough side of his keen tongue if he deserved it. But, friend or foe, clerk or layman, was sure of getting honest, fair treatment; and his word was ever his bond.

Mr. Pentland, after several years' apprenticeship in Philadelphia, came to Baltimore in 1844, and was employed in Greenmount Cemetery as gardener. In 1849 he bought the property opposite the cemetery gate, where he still carries on the business then begun. As common to the gardeners of that day, he grew bedding stuff, roses, nursery stock, exotic grapes and cut flowers, going to market to dispose of his products, taking contracts to plant country estates, and keeping city gardens trim, etc. He soon began to pay particular attention to the production of roses—the garden sorts, and enlarged his operations in this direction until at the time of the civil war his annual output was about 100,000 roses, from pots, he having in his houses 750 sorts from which stock was propagated. He engaged in hybridizing varieties and produced several which were well received by the trade, notably George Peabody and Beauty of Greenmount (Bourbons), Woodland Margaret (Noisette), and Doctor Kane (hybrid tea). Mr. Pentland for many years cultivated extensively the camellia, and raised some fine seedlings of his own, of which Gen. Robt. E. Lee, carmine, spotted white; Stonewall Jackson, white, striped scarlet; Anna, a beautiful pink, were conspicuously meritorious.

Mr. Pentland's long association with the flower trade of the country, the noteworthy collection of roses so long maintained by him and attracting many visitors, has filled him with reminiscences both curious and interesting, which are still dear in his memory. He recalls now, after more than sixty-five years, that at Mr. Fettes', in Philadelphia, he potted the first

plants coming to America of roses Souvenir d'un Ami, Hermosa, Mme. Bosanquet, La Reine, and Mme. Lafayette.

Outside of his business, too, Mr. Pentland has led in many activities and been much honored by his fellow men. One term he represented this city in the legislature of Maryland. For many years he has been a prominent manager of the Maryland Institute, the local School of Art and Design. Only a year ago he was president of the Gardeners' Club, presiding with skill and vigor. He is one of the oldest Masons in the state, esteemed by the whole craft, and with many testimonials of their affection and respect in shape of services of silver, diplomas, jewels, etc. That this old gardener's life and health may long be continued is hoped sincerely by innumerable friends.

The contracts to furnish plants for the coming season for our parks and public squares have been given out. Of the 190,000 required, E. A. Seidewitz gets 92,000 and the balance is divided among six other growers. The following are the figures of the awards by the thousand: Alternanthera, \$20; acalypha, \$41; ageratum, \$20; caladium, \$40; canna, \$48; celosia, \$35; centaurea, \$20; geraniums, \$50; coleus, \$20; iresine, \$23; oxalis, \$25; echeveria, \$35; petunas, \$20; pyrethum, \$18; ricinus, \$38; rudbeckia, \$20; torenia, \$20; tagetes, \$20; salvia, \$25; vinca, \$20; zinnia, \$20. This includes delivery and planting. The aggregate makes, it is said, from \$2,000 to \$3,000 less than was paid for an equal number last year. Hereafter the city will raise its own plants for this purpose. Many would be willing to wage they will then cost more than the prices at which they have been thus bought in open market.

The demand for cut flowers for the week ending this day (February 26) has been unusually brisk, and prices obtained better than are customary at any time except Christmas and Easter. Good roses have been scarce in all varieties and carnations have not been abundant enough to go around.

Mr. Julius Tischinger, one of the older florists here, was recently the victim of a paralytic stroke. Hopes are entertained for his recovery. RIX.

SAN FRANCISCO.

The Market.

The weather this week is finer than the business done, with good stock scarce and hard to get. Quite a lot of daffodils can be seen at the stores and are fair as to quality.

Prices: American Beauties, \$3.50 to \$5.00; Brides, Bridesmaids and Meteors, 75 cents to \$1; Siebrechts, 50 cents; Brunners, 12½ cents per doz.. Carnations, Hobart, \$1 to \$1.25; Crocker, 50 to 75 cents; Schwerin and Flora Hill, 50 cents; mixed fancies, 35 cents; Bradt and Gold Nugget, 35 to 50 cents;

Portia and Scott, 20 to 25 cents per doz. Harrisii, \$2.50 to \$3.50; lily of the valley, 25 to 50 cents per doz.; daffodils, \$1.50; freesias, 75 cents to \$1; paper whites, 50 cents; callas, \$1 per 100; violets, Princess of Wales, 50 to 75 cents; Californias, 40 to 50 cents; Swanley Whites, 50 cents per doz. bunches.

Notes.

Jager & Jacquement, on Sutter street, have dissolved partnership. Mr. Jager will run the business in his own name, while Mr. Jacquement will start in with his brother on Fourth street.

Simons, at Fruitvale, is cutting some very fine Brides and Meteors that are bought up quickly.

Mr. Carl Breyer is supplying San Francisco with its finest lily of the valley.

Mr. J. Franks, North Temescal, will leave his nursery in good hands while he tries his luck in Cape Nome.

E. W. McLellan has discarded his crutches and now walks around with the aid of a cane. Sometimes he forgets the cane and walks without it.

Mr. Wm. Falconer, superintendent of Schenley Park and conservatories, Pittsburg, Pa., is here on a visit to the parks of the Pacific coast. Superintendent John McLaren escorted the noted visitor through Golden Gate Park. Mr. Falconer pronounced the work of clothing the wastes of sands with borders as marvelous and the beauty of the park unsurpassed.

The writer paid a visit to Mr. S. Jones, of Fruitvale, on February 22nd, and after the greenhouses were inspected and the fine condition of the stock noted, we made a forced march over to Gunthersdrift and took a couple of laagers. After this capture Mr. Jones declared he felt like his countrymen in South Africa—much better.

Mr. A. Galloway, at Fruitvale, will build one more greenhouse this spring for carnations. Mr. Galloway as a carnation grower has made a success of his business, and being a young man shows a good example to our young men in the business. J. N.

PITTSBURG.

The delegates to Buffalo returned Saturday, the 17th. They expressed themselves well pleased with what they saw and the way the Buffalo boys entertained them.

Trade with the retailers has been good, funerals and decorations using up large quantities of flowers, and the commission houses are not overloaded with flowers, either.

J. B. Ferguson reports business fair and the Cut Flower Company are cleaned out daily except on bulb stuff, which is coming in quite heavy now. The latter firm is handling an enormous lot of stock; step in any time of day and you will find them busy unpacking and packing up orders.

The growers are looking ahead now to Easter; each one anxious to have

his crop just right. Harrisii will not be so plentiful this Easter, owing partly to diseased bulbs and that there were not so many bought last fall as usual.

F. Burki is sending in the finest mignonette he ever had. His Hector is the best scarlet carnation coming in, in quantity, so far, although his Crane and America are doing well. He says Hector gives him twice as many flowers to a plant. White Cloud is his best in white and he has two houses of it. Mr. Burki is probably the only one about here who grows the old Edna Craig. It is doing so well with him that he will continue to grow it, but is going to grow Mr. Weber's Genevieve Lord alongside of it to see the difference. Mr. Burki's new asparagus house has been cut out and a new crop coming in for spring.

B. L. Elliott, formerly of Elliott & Ulam, is growing mostly carnations in his new houses at Cheswick. He will try some of the new varieties this year. His stock looks well, with prospects for a good crop for Easter.

W. F. Lauch, Carrick, Pa., is making a grand showing with his large house (40x200) of carnations. Red Jacket is doing fine with him.

John Bader, Mt. Troy, whom we all know as a good fellow, is sending in some very nice azaleas and rhododendrons. As usual he will be ready with a large lot of plants and bulbous flowers for Easter.

Theo. F. Beckert, Neville Island, is growing lettuce this year. He has only one house of carnations, but is stocking up for cut flowers for next year. Last summer Mr. Beckert put in two large tubular boilers and perfected his heating apparatus throughout so that he would not be caught with another freeze-out like last winter.

John L. Wyland, Allison Park, Pa., who attended a carnation meeting this year for the first time, has a large house of carnations, which are doing well. He will try the Lawson and other new ones this year.

C. Blind is off crop with his carnations and roses, since the heavy cut for the holidays, but expects to be in for Easter if not before.

G. & J. W. Ludwig are receiving some fine carnations from John Murchie, Sharon, Pa. They also receive each day a fine lot of orchids.

Our crack bulb-forcer, Chas. Koenig, Bennett, Pa., has for the past two months been sending in some very fine tulips.

George Oesterle has resigned his position with Randolph & McClements.

Visitors in town the past week were S. S. Skidelsky, Philadelphia, and Mr. McHutchison. BAER.

MENTOR, O. — Carl Hagenburger will build five new greenhouses this spring, which will give him a total of twelve and 25,000 square feet of glass.

TARRYTOWN, N. Y.

The regular monthly meeting of the Tarrytown Horticultural Society was held on February 22. President Turner presided; thirty-five members present. A letter was read from the secretary of the American Rose Society, asking this society's co-operation at their forthcoming exhibition. It was also unanimously agreed to send a donation of \$15 as a special premium.

The following gentlemen were elected to membership: Jas. Clark and Michael Ward, Irvington; Theodore Dinkle, Peter Smith and Wm. Kearney, Tarrytown, and five new applications were received.

Mr. E. W. Neubrand reported that the Dutchess County Horticultural Society's dinner was a complete success. Our representatives thoroughly enjoyed themselves and learned many good lessons.

There was quite a show of exhibits. Vice President Stevenson had a most excellent table of plants, including fine specimens of azaleas, clematis, primulas, Spirea astilboides, and a fine lot of paper white narcissus, for which he was awarded a certificate of merit. A certificate of merit was also given to P. M. Pierson for a vase of Defiance mignonette. The flower spikes averaged 15 inches in length and the foliage was like monstrous chrysanthemum leaves. This was universally admired. Honorable mention was awarded to L. A. Martin for a vase of violets (Princess of Wales), also to John Boshard for a vase of Marie Louise.

The executive committee reported upon the schedule for the next chrysanthemum show. It was ordered to be printed and preliminary copies put in circulation right away.

Mr. L. A. Martin read a paper on vegetable growing. Mr. Martin dealt with his subject in a masterly manner. He gave some good advice regarding soil, situation and manuring, also a complete calendar of operations for the vegetable garden. Quite a lively discussion followed and many good points were gleaned. Dreer's improved Lima bean is to replace King of the Garden, and no more round peas will be grown.

The following syllabus was announced:

March—Chrysanthemums, by Jas. T. Scott.

April—Indoor Roses, by A. A. Taaffe.

May—Small Fruits, by Thos. Cockburn.

June—Outdoor Roses, by Wm. Turner.

JAS. T. SCOTT, Reporting Secy.

GRAND RAPIDS, MICH.

Cold waves running the temperature below zero every night, tempered with bright, sometimes sunshiny days, not unfavorable to plant growth, is what we are getting accustomed to. It is very trying on the coal bin, but we are in hopes of a let up soon. Business continues first class, the call for funeral flowers has kept up very persist-

ently, and shipping is taxing the ability of the local growers to fill orders. While all flowers except violets are scarce, white carnations and white and pink roses are the shortest in supply. A better supply of Beauties may be looked for if this bright weather continues. Brides, Maids and Meteors bring \$1.50, selected blooms \$2 per doz. Carnations, 35 to 50 cents per doz.; Irenes and Mary Wood, 75 cents per doz.; violets, 15 to 20 cents, and very plentiful. Lilies are in small supply and considerable complaint about mixed bulbs being sent for Harrisii; such as Speciosum and rubrum! One florist has a small bench filled with lilies, not Harrisii, and the disease seems to be worse this year than usual.

What food for thought and discussion is being evolved from the arguments advanced by the various contestants in the Cincinnati and Chicago contest on the number of points to which Enquirer is entitled! Each issue is eagerly awaited and when it has arrived is quickly scanned to see if there is anything new from friend Rudd or brother Bock. Opinion here seems about evenly divided between Cincinnati and Chicago methods.

Recent harbingers of spring were J. E. Killen and B. Eschner, the latter representing M. Rice & Co., Philadelphia. Both report business good.

G. F. CRABB.

CHICAGO.

The Market.

The shipping trade has held up remarkably well clear to the beginning of the Lenten season. So far the supply of good grades of roses has not been in excess of the demand and prices on shipping stock have held steady at \$6 to \$10 per 100. In carnations the call seems to have shifted markedly to white, but all good stock moves readily. On ordinaries the price is \$1.50 to \$2, and on fancies, \$3 to \$5.

Of violets there has been quite a surplus, the thermometer having been below the freezing point. On Tuesday dealers were hopeful of a rise in temperature and said that one pleasant day would clean up the accumulation. Wednesday, however, ushered in a heavy fall of snow, accompanied by wind, and the violets are still "wasting their sweetness."

Bulbous stock is moving fairly well, but at low figures. Shipping tulips are quoted at \$3 to \$4, but under grade stuff and job lots are cleaned up at \$1.50 to \$2, or even lower rates.

Various Items.

A regular meeting of the Florists' Club will be held tomorrow (Friday) evening.

W. E. Lynch is moving to new quarters in the basement of 64 Wabash avenue, the southeast corner of Wabash and Randolph.

George M. Garland is displaying a section of his iron gutter at McKellar & Winterson's.

Mrs. Geo. R. Scott and daughter are away on a business trip.

G. H. Pieser is doing jury service and life is not so easy now for Flint K.

Three very handsome funeral wreaths recently noted were made as follows: An artist's wreath of solid pink carnations, with a garland of lily of the valley and violets on one side; a similar wreath of green galax leaves, with a garland of La Reine tulips on one side and tied with royal purple ribbon; another artist's wreath of bronze galax leaves, with a garland of lily of the valley on one side and tied with cream colored ribbon.

H. J. Goemans, representing K. J. Kuyk, Hillegom, Holland, and Ghent, Belgium, is in town.

Bowling.

There was a warm session at Kinsley's alleys last night (Wednesday). There was a match game between teams composed of wholesalers and retailers, and the ladies were there to see the fun, and the ladies did some fancy rolling, too. Among the ladies present were Mesdames P. J. Hauswirth, C. Balluff, E. F. Winterson and C. W. McKellar, and Misses Kreitling and Ludlow.

The wholesalers had the best end of it in the match games but they were hotly contested and it was nearly Thursday morning before the last game was completed. Following are the scores:

WHOLESALEERS.

E. F. Winterson	131	133	135
G. Stollery	171	151	200
F. Stollery	124	168	168
J. S. Wilson	161	177	138
Jno. Zech	113	151	179
C. W. McKellar	129	178	134
	829	958	954

RETAILERS.

Geo. Asmus	168	144	179
P. J. Hauswirth	152	151	114
Jno. Degnan	177	134	159
W. Kreitling	128	137	139
C. Balluff	180	151	187
C. Hunt	145	132	153
	950	849	931

TORONTO.

The Gardeners' and Florists' Association and the Horticultural Society will hold a carnation exhibition in St. George's hall on Elm street, on March 8th.

Full particulars may be had by addressing Wm. C. Jay, secretary, 438 Spadina avenue, this city.

SPRINGFIELD, ILL.—Fire recently did damage to amount of about \$250 at the greenhouses of Brown & Canfield.

CHEBOYGAN, MICH.—Keeney & Son have opened a seed store here.

GOOD WEATHER

to avoid—the Chicago article. Hot Springs, Ark., beats it. Now is the time to go. The Wabash is the Hot Springs line. Write for illustrated printed matter giving interesting views and full information. F. A. Palmer, A. G. P. A., Wabash Ticket Office, 97 Adams Street, Chicago.

PAN-AMERICAN EXPOSITION.

We are pleased to be able to announce that Mr. Wm. Scott has been appointed superintendent of floriculture of the Pan-American Exposition, to be held in Buffalo next year.

With Mr. Scott in charge we are assured that the department will not fail to be what it should be—a credit to the profession and a live factor in demonstrating to the world the remarkable progress in commercial floriculture.

And should the convention of the S. A. F. be held in Buffalo in 1901, the members will surely find the horticultural department at the exposition alone well worth the trip to the annual meeting.

WATERTOWN, N. Y.

The sewers lacked capacity to carry off the immense quantity of water during the recent heavy thaw and many cellars were flooded in consequence. Among the sufferers was the well known firm of florists, Messrs. Greene & Underhill. On Feb. 13 the water rose above the fire pots in the boilers and extinguished the fires, and though ten men were set to work to pump the water out it was several hours before fires could be started again.

This has naturally caused considerable loss, and coming at the busy plant shipping season has been particularly unpleasant, greatly delaying many shipments. But they have their shipping department now pretty well reorganized and will soon be in shape to take care of orders with their usual promptness.

LOUISIANA.

Mr. Harry Papworth, of New Orleans, sends us a handsomely illustrated book on Louisiana and its resources, and the pictures showing roses and shrubs in bloom in February make one weary of the blizzard raging in Chicago at time of writing. The book is entitled "Louisiana's Invitation," and is issued by the Louisiana State Board of Agriculture and Immigration, Baton Rouge, from which any one contemplating removal to the south can no doubt obtain a copy on application.

THE first issue of the Canadian Gardeners' and Florists' Exchange has reached us. The first number contains 12 pages, the pages about the size of those of the Review, and they are filled with articles and trade items of special interest to Canadian florists and a goodly number of trade ads. We welcome the youngster and trust it may successfully fill its mission. It is published at London, Ont.

ELWOOD, IND.—Wm. H. Woerner has purchased the property and greenhouses of Mrs. M. E. Goode and will erect a new rose house in time for early planting.

CHRYSANTHEMUMS

HARDY POMPONS.

Anna Marry, creamy white.
Aglaia, light yellow.
Bridesmaid, clear soft pink.
Ben Hur, very small pink.
Bob, delicate pink.
Blushing Bride, early light pink.
Climax, deep rosy pink.
Chivver, small white.
Dinizulu, deep pink.
Eleganta, deep pink, white tip.
Eagle de Oor, good yellow.
Euphrosyne, pink.
Edna, pink, light center.
Flag of Truce, large full white.
Fairy Queen, white, pink tip.
Fred Peele, small, light pink.
Fire Ball, yellow tipped red.
Golden Fleece, large lemon yellow.
Globe de Oor, light yellow.
Golden Pheasant, golden yellow.
Gold Standard, fine yellow.
Gold Nugget, deep orange.
Goldfinch, yellow shading bronze.
Ivanhoe, deep pink tipped white.
Julia Lagraver, dark bronze.
Jack, small light pink.
Kadar, brown, yellow center.
Labanah, tall white.
L. ami Conderschlerdt, small white.
La Purity, white.

Little Pet, rose.
Ladysmith, rosy lake.
Maid of Kent, white.
Mr. Schmidt, small yellow.
Mrs. Vincent, large deep rosy pink.
Nellie Rainsford, light bronze.
Naomi, delicate blush.
Nellie Bly, light pink.
Oom Paul, rosy lake.
Princess Louise, Bronze.
President, dark pink.
Prince of Wales, best white.
Psyche, pale pink.
Queen of Bul, tall deep pink.
Rosamundi, bright rosy pink.
Regulus, deep bronze.
Rosinante, late pink.
Richard Franklyn, large pink, white tip.
Rhoda, delicate pink.
Sheshar, vermillion yellow.
Sunlight, light bronze.
Souv. McLain, good white.
Tisri, deep pink.
Tiber, early yellow.
Thalia, fine white.
Thos. Long, light pink tipped white.
Victor, very deep pink.
Veuve Cliquote, early yellow.
Yellow Queen, lemon yellow.
Zof, white tipped pink.

From 2½-inch pots, \$2.00 per 100, your selection. Cash with order.

R. VINCENT, JR., & SON, WHITE MARSH, MD.

Mention The Review when you write.

LIBERTY, MO.—Paul Stark reports cut flower trade as good, but flowers have been so scarce since the holidays that he has had difficulty to get enough to meet demands.

WANT ADVERTISEMENTS.

Advertisements under this head 10 cents a line, an average of seven words to the line.

WANTED—A position in retail florist store. Experienced. Address D. W., care Florists' Review.

SITUATION WANTED—By an experienced grower of roses, carnations, etc., for wholesale or retail trade; 12 years' experience; age 35; single; salary, \$30 per month. Thoroughly reliable to assume charge. Address Rose, care of Florists' Review.

SITUATION WANTED—Private or commercial, by reliable, sober and industrious man; has some experience in greenhouses; German; single, age 34; in or around Chicago preferred. Address H. S., care of Florists' Review.

FOR SALE—A piece of land well located on which to build greenhouses and work up a profitable plant trade. One-half mile from three large cemeteries. Hy. Haertel, 176 Madison St., Oak Park, Ill.

FOR SALE—Florist's refrigerator; cost \$175; will sell for \$75 cash; just as good as new. Write for particulars to Lewis Ullrich, 181 Sycamore St., Tiffin, Ohio.

Gardener Wanted.

Experienced in Grading, Lawn Making and Planting. Familiar with growing Nursery Stock. State experience, reference and what salary expected. Address

ELM CITY NURSERY CO., New Haven, Conn.

LANDSCAPE ENGINEER.

Plans for Gardens and Parks Drawn to Order, India ink or water color. Business advice in floriculture and horticulture. F. A. H., 500 33rd Avenue, Denver, Colo.

Mention The Review when you write.

FOR SALE.

102 acres of fine land, part cultivated \$2,800
Lot 52x241, four Greenhouses, Sheds, etc... 3,700
¾ of an acre, city property, Greenhouses well stocked, fine condition, bargain... 3,700
Lot 100x125, five Greenhouses stocked, fine dwelling..... 4,800
25 acres; good shipping center, Southwest, fine Orchards of pears, cherries, etc... 6,500
60 acres, 33 acres in fruit, six Greenhouses, well established business 7,500
7 acres, seven Greenhouses, land highly cultivated, large dwelling 9,500

Any of the above named properties is a bargain and those desiring to purchase will do well to communicate with us. These are only a few of the properties that we have for sale and leasing.

SMITH & SMITH, 345 Sixth Ave., PITTSBURG, PA.
P. O. Box 869.

Mention The Review when you write.

WELL, YOUNG MAN! Why don't you go West and make some money? Here is an opportunity.

I offer a first-class established Florist business for sale. Greenhouses well stocked with plants for the trade. 2,500 Carnations in bloom, etc. Street car goes to the door. Business established 1890. In connection own brick building, specially erected for down-town store, in the heart of the city, with four years' lease yet; 21 feet front, nicely furnished. Will take \$1,500 for the whole business complete, as owner must be in Germany in a short time. Write or wire. First come gets it.

The Fleischer's Greenhouses, Pueblo, Colo.

MAPLES-POPLARS

Silver Maples, 1½ to 2 in., smooth, straight, low headed, \$25.00 per 100.
Carolina Poplars, 3 to 4-in., smooth, straight, \$35.00 per 100.

F. O. B. cars, E. ST. LOUIS. Address Sanders' Nursery, 5600 Delmar Ave., St. Louis, Mo.

Mention The Review when you write.

Always mention the Florists' Review when writing advertisers.

M. RICE & CO.

IMPORTERS AND MANUFACTURERS OF

Wheat Sheaves, Palm Leaves, Cords and Tassels (in Lavender, White and Purple),
Lace Handkerchiefs, Paper Handkerchiefs,
Fancy Cords, Baskets, Ferneries,
Pot Covers, Pedestals, etc., etc.

918 Filbert St.,
PHILADELPHIA, PA.

Mention The Review when you write.

...SPECIAL... ROOTED CUTTINGS.

Choicest Varieties. Lowest Prices.
Finest Stock.

50,000 Carnations, standards, \$7.50 per 1000.
Descriptive list, 25 choicest up-to-date varieties.

50,000 Roses, standards, \$12.50 per 1000.

50,000 Verbenas, 20th Century collection.
32 Grand Mammoth varieties, the cream of all the latest and choicest up to-date, 60c per 100, \$5.00 per 1000. Strong, 2 in., \$2.00 per 100, \$18.00 per 1000; full of Cuttings, elegant stuff.

50,000 Dble. Fringed Petunias, Henderson's and Dreer's latest sorts. We all know that they lead the world. \$1.00 per 100, \$8.00 per 1000. Strong, 2-in., \$2.00 per 100, \$18.00 per 1000

Alyssum, strong 2-inch, 2 cents.

Geraniums, sweet scented, strong 2½-inch, 2½ cents; strong 2-inch, 2 cents. Mme. Sallerol, strong 2-inch, 2½ cents.

Ageratum, Princess Pauline, the only one to grow, \$1.00 per 100. Extra strong, 2½-inch, full of Cuttings, \$2.50 per 100.

Salvia Splendens, no other so good, \$1.00 per 100. Extra strong, 2½ inch, \$2.00 per 100.

Fuchsias, best sorts, \$1.50 per 100. Vinca Major, \$1.00 per 100.

Smilax, strong 2½-inch, \$1.50 per 100; 2-inch, \$1.00 per 100; \$8.00 per 1000.

Lobelia, (trailing) indispensable for baskets, etc., strong, 2-inch, \$2.00; strong rooted cuttings, \$1.00 per 100.

Heliotrope, the choicest blue and white, rooted cuttings, \$1.00 per 100.

Coleus choicest varieties, rooted cuttings, 75 cents per 100.

Our wholesale descriptive list of Specialties mailed on application. Terms, strictly cash with order. Small packages by mail.

SOUTH SIDE FLORAL CO., - Springfield, Ill.

Mention The Review when you write.

E. G. Hill & Co.

Wholesale
Florists,

RICHMOND, INDIANA.

Mention The Review when you write.

PANSIES...WORTH RAISING

Good Plants by express, \$2.50 per 500;
\$4.00 per 1000. Seed as usual.

C. SOLTAU & CO., 199 Grant Avenue,
JERSEY CITY, N. J.

Always mention the Florists' Review when writing advertisers.

"Dead men tell no tales"

May have been strictly correct when first coined, but is out of date now. There are "dead ones" telling tales that they don't believe themselves.

Their customers last year are ours this.....

We sell CUT FLOWERS—good flowers, too.
If you want some wire or write to

E. C. AMLING,

WALTER S. HEFFRON, 32-34-36 Randolph St., CHICAGO, ILL.
Manager.

Mention The Review when you write.

NORWAY MAPLES

1000, 8 to 10 feet.
500, 6 to 7 "
100, 1 to 2 "

IRISH JUNIPERS

500, 3 to 4 feet. 500, 2½ to 3 feet.
500, 2 to 3 feet.

10,000 PEACH TREES,

General assortment.

This stock will be sold at very low prices in order to close out.

C. L. LONGSDORF,

OAK HILL NURSERIES,

Flora Dale, Adams Co., Pa.

Mention The Review when you write.

MARIE LOUISE VIOLETS.

10,000 strong rooted cuttings from sand, clean and in fine condition. If not satisfactory, pack carefully and return them to me and your money will be cheerfully refunded. These cuttings were intended for my own use, but got no room, so they must go, and those who get them will be well pleased. The above cuttings I will sell at \$10 per 1000. Also got rooted Runners for \$6 per 1000. Cash, please.

C. LAURITZEN,
Rhinebeck on the Hudson, N. Y.

Mention The Review when you write.

Always Mention the....

Florists' Review

When Writing Advertisers.

1st Prize PERLES.

Place your orders now for Perle Rose Cuttings and Plants. Remember, they are from The Perle King of St. Louis and from prize-winning stock only. Rooted Cuttings....per 100, \$1.75; per 1000, \$15.00
Two-inch pot plants, " 8.00; " 25.00
Cash or satisfactory reference,

J. F. AMMANN, - EDWARDSVILLE, ILL.

Mention The Review when you write.

ROSES. To Clean Out, for Room

\$3.00 per 100; \$25.00 per 1000.

Bride, Bridesmaid, C. Soupert, Etoile de Lyon, Climbing Meteor, Papa Gontier.

GERANIUMS—John Doyle and Heteranthe \$1.00 per 100. Cash with order, please.

JOSEPH LAHR & SONS, Springfield, Ohio.

Mention The Review when you write.

Long Distance Telephone.

JOHN WELSH YOUNG,

WHOLESALE GROWER OF

Pandanus Veitchii and Boston Fern

WRITE FOR PRICES.

Upsal Station, GERMANTOWN,
Penna. R. R. PHILADELPHIA, PA.

Always mention the Florists' Review when writing advertisers.

E. H. HUNT

THE "OLD RELIABLE" FOR

**Wholesale
Cut Flowers**

Hunt's Flowers Go Everywhere.

76 Wabash Ave. CHICAGO.

Mention The Review when you write.

MORRIS, ILL.

The Morris Floral Co. reports business as excellent. Their business for January was 20 per cent. larger than for the same month last year, and that for this February was 52 per cent. larger than for February, 1899.

They will increase their capacity for carnations by 10,000 plants for next winter. Their list of varieties will be: Mary Wood, Glacier and White Cloud, for white; Lawson, E. Crocker, Genevieve Lord, The Marquis and Joost, for pink; Melba for light pink, in place of Daybreak, as they find it as good a bloomer and it takes better at retail; G. H. Crane and America, for scarlet; Maceo and Gomez, for crimson; Gold Nugget, for yellow; Olympia and Bradt, for variegated. All other varieties will be discarded.

With them Mary Wood is the best white and Joost the best pink this season.

SOUTH BEND, IND.

Beyer's Garden Park Place has recently added three fine new greenhouses, one 12x93, one 18x93 and the other 10x93. These are connected by a glass corridor, 12x44, and there is a new office and boiler room, 14x44.

The material for the houses was furnished by the John C. Moninger Co., Chicago, and Mr. August Beyer, the manager, says he desires to thank this firm through the Review for the splendid manner in which the work was executed. He is more than pleased with it.

BLOOMINGTON, ILL.—About twenty truck gardeners and fruit growers here have formed the Bloomington Gardeners' Exchange. A committee consisting of J. H. Leaton, Geo. Kerr and A. R. Knowles was appointed to formulate a constitution and by-laws.

BENTHEY & CO.

F. F. BENTHEY, Mgr.

WHOLESALE AND COMMISSION Florists. Consignments Solicited.**41 Randolph St. CHICAGO.**

Mention The Review when you write.

**McKELLAR & WINTERSON'S
Modern Supply House**

is the place to buy your CUT FLOWERS, SUPPLIES, SEEDS, etc. MASSACHUSETTS FANCY FERNS, per M, \$1.25; per 5 M lots, \$5. Now Ready....CARNATION CUTTINGS, VIOLET PLANTS, FORCING ROSES, YOUNG STOCK OF ALL KINDS.

WESTERN AGENTS FOR

Imperial Plant Food and Fertilizers.

For prices, etc., see our new catalogue.

McKELLAR & WINTERSON, 45-47-49 WABASH AVE., CHICAGO.

Mention The Review when you write.

Bassett & Washburn**76 Wabash Ave., CHICAGO, ILL.****Wholesale Growers of and Dealers in CUT FLOWERS**

Greenhouses at Hinsdale, Ill.

Mention The Review when you write.

PETER REINBERG,**Wholesale Grower of CUT FLOWERS.**

500,000 feet of Glass.

Headquarters for fine AMERICAN BEAUTIES.

51 Wabash Avenue, CHICAGO.

Mention The Review when you write.

A. L. RANDALL

Telephone 1496

**Wholesale Florist,****4 Washington St., Chicago.**

In our new and enlarged quarters we are better prepared than ever to handle your orders.

Mention The Review when you write.

WHOLESALE GROWER OF ROSES. DEALER IN CUT FLOWERS.**J. A. BUDLONG,****37-39 Randolph St., CHICAGO, ILL.**

Mention The Review when you write.

Maplewood Cut Flower and Plant Co. GEO. M. KELLOGG, Pres.

Growers of CUT FLOWERS at Wholesale.

Regular shipping orders given special attention. We have the largest plant west of Chicago.

Store: 906 Grand Ave., KANSAS CITY, MO
Greenhouses; Pleasant Hill, Mo.

Mention The Review when you write.

WIETOR BROS.**Wholesale Growers of Cut Flowers.**

All telegraph and telephone orders given prompt attention.

51 Wabash Avenue, CHICAGO.

Mention The Review when you write.

C. A. KUEHN WHOLESALE FLORIST

Cut Flowers and Florists' Supplies.

Manufacturer of the Patent Wire Clamp Floral Designs. A full line of supplies always on hand. Write for catalogue and prices.

1122 PINE STREET, ST. LOUIS, MO.

Mention The Review when you write.

**H. Berning****WHOLESALE FLORIST,****1322 Pine Street, ST. LOUIS, MO.**

Mention The Review when you write.

ELLISON & TESSON, WHOLESALE SHIPPING**FLORISTS****3134 Olive Street, ST. LOUIS, MO.**

...Home Grown Stock...

Mention The Review when you write.

Cincinnati Cut Flower Co.W. A. MANN.
FRANK W. BALL.**416 Walnut St. CINCINNATI, O. Wholesale Florists**

Consignments Solicited.
Special Attention Given to Shipping Orders

Mention The Review when you write.

Mention The Review when you write.

Carnation Cuttings!

ALL THE UP-TO-DATE SORTS.

Agents for F. Dorner & Sons Co.

....Cerise Queen, PINK, \$2.50 per 100, \$20.00 per 1000.

KENNICOTT BROS. CO.

42 and 44 E. Randolph St.

CHICAGO.

Mention The Review when you write.

ESTABLISHED 1802

THORBURN'S SEEDS

Our Wholesale Price List of
Choice Flower Seeds for Florists
is now ready. A post-card
will bring it to you.
We have still on hand some of our
LILY OF THE VALLEY PIPS,
The Finest that come to this Country.
Per 1000, \$10.00. Cases of 3000 at \$9.00 per 1000
J. M. THORBURN & CO.
(Late of 15 John Street)
36 CORTLANDT STREET, NEW YORK

Mention The Review when you write.

300,000 VERBENAS....

60 finest named varieties, including our
new mammoth white, Mrs. McKinley,
the finest white Verbena grown.

PERFECTLY HEALTHY. FREE FROM RUST.

Rooted Cuttings 60c per 100, \$5.00 per 1000.

Plants \$2.50 per 100, \$20.00 per 1000.

Our list is the choice from millions of seedlings.

Send for list. J. L. DILLON, Bloomsburg, Pa.

Mention The Review when you write.

EDWARD B. JACKSON,
Wholesale Florist.

HARDY HERBACEOUS PLANTS ONLY.

In any quantity for the least money.

STAMFORD, CONN.

Mention The Review when you write.

The Finest in the Land-Millions of them.

Verbenas. Rooted Cuttings, 75c per 100; \$5.00 per 1000.
Pot Plants.... \$2.50 " \$20.00 "

COLEUS. Rooted Cuttings, \$1.00 per 100; \$7.50 per 1000.
Pot Plants..... 3.00 " \$25.00 "

Latania Borbonica.

Extra good value.

8-inch, per 100 \$8.00
4 " " 18.00
5 " per doz..... 4.50
6 " " 8.50

Chrysanthemums.

Pot plants, per 100 \$3.00
For varieties see Review,
February 8th.

Carnations.

Rooted Cuttings—Scott,
Pierson, McGowan, Ti-
dal Wave, Helen Kel-
ler, Garfield, \$1.50 per
100; per 1000.....\$10.00
Mayor Pingree, Flora
Hill, Daybreak, per 100. 2.00

Petunias.

Dreer'sper 100.... \$1.00
Double White, " 4.00

Cinerarias.

Fine strain ...per 100.... \$3.00
8-inch..... " 5.00
4 " " 10.00
5 " " 15.00

Vinca Major and M. var.

\$3.00 per 100; 4-in., fine,
per 100..... 15.00

Heliotrope.

Czar, Czarina and 5 other
fine sorts, per 100..... \$3.00

Oleanders.

Very fine Double Pink
and Double White, per
100, \$8.00; per 1000..... 55.00

Geraniums.

Mt. of Snow and Happy
Thoughtper 100. \$4.00
Mrs. Parker " 6.00
Mrs. Pollock " 5.00
Mme. Sallerol, Rose and
Ivy Leaf Mme. Salle-
rol, per 100..... 3.00
S. A. Nutt, Master Chris-
tine, Queen of the West,
Queen of Belgians, etc.,
all colors, per 100 3.00
J. Riccard, Athlete, Beau-
de Poitevine, Pres. Le-
on Picas, E. G. Hill,
per 100..... 4.00

Roses.

Bride and Bridesmaid... per 100
3-in. 5.00
Hermosa..... 4.00
Monthly, in variety..... 3.00
H. P.'s, such as Jack,
Dinsmore, Paul Neyron 5.00
H. P.'s, in variety, our
selection 4.00
Wichuraiana, white 4.00

Miscellaneous.

Per 100
Alyssum, 3 varieties\$3.00
Ageratum 3.00
Ampelopsis Veitchii..... 4.00
Abutilon, B. de Neige and
Souv. de Bon..... 4.00
Alternanthera, 2 varieties..... 2.50
\$20.00 per 1000.
Coccoloba 3.00
Cuphea 3.00
Cyclamen, 4-in., \$2.00 per doz.
5-in., 3.00
Dracaena Indivisia, 5-in. \$2.00
per doz.
Fuchsias..... 3.00
Feverfew, Little Gem 2.50
Hydrangea, Hortensis..... 4.00
Ivies, English 4.00
Libonia Penrhosiensis..... 3.00
Manettia Vine..... 1.00
Lantanas 3.00
Lemon Verbenas..... 4.00
Marguerite, White..... 3.00
" Yellow..... 4.00
Nierembergia..... 3.00
Othonna 3.00
Oranges, Otaheite, 4-in., \$3.00
per doz.
Salvias 3.00
Swansona, White..... 4.00
Santolina Incana..... 3.00
Pelargoniums, mixed..... 4.00
Velvet Plants, 3-in..... 6.00

Our Trade list will be issued early next month.

W. L. SMITH, AURORA, ILL.

Mention The Review when you write.



READ OUR AD. on page 359,
Issue of February 22, 1900,
Then write us.

We want a good man to assist in propagating. Must have experience and good
reference. \$40.00 per month for first year.

GREENE & UNDERHILL, - - WATERTOWN, N. Y.

Mention The Review when you write.

SAMUEL S. PENNOCK.**Wholesale****→ Florist**{ Until further notice, will be open from }
6:00 a. m., to 11.00 p. m.**American Beauties and Valley****Our
Specialties.****1612-14-16-18 Ludlow St., Philadelphia, Pa.**

Mention The Review when you write.

CHESTNUT HILL, PHILA.

The regular monthly meeting of the Chestnut Hill Horticultural Society was held at Joslin Hall, Feb. 13. Prizes were awarded as follows: For vase of carnations, to Robert G. Carey, gardener for T. C. Price, Esq.; for specimen fern, to George W. Brown, gardener to Robert N. Carson, Esq. (for a grand plant of *Nephrolepis exaltata Bostoniensis*); for salad, to George W. Brown; special award for cucumbers and beans, to William Boyce, gardener to Randal Morgan, Esq.

The following exhibits deserve special mention: vases of carnations, by Jesse Newman, gardener to H. C. Curtis, Esq.; William Robinson, gardener to J. W. Pepper, Esq.; G. W. Brown and William Boyce; also new pink seedling by Robt. G. Carey.

Specimen azalea Mme. Van der Cruysen, by George W. Brown; *Phaius grandifolius* and seedling yellow calla, by Frank Gould, gardener to John T. Morris, Esq.; *Cinerarias* and *hyacinths*, by John Moore, gardener to Edward L. Welsh, Esq. *Adiantum Farleyense*, by Richard Moore, gardener to James Cheston, Esq. Through the kindness of the introducers, vases of the new carnation *Olympia*, from John N. May, and *Ethel Crocker*, from Robert Craig.

The schedule committee reported premiums for the fall show amounting to \$335. Sixteen members were admitted. The following schedule for which premiums will be awarded is called for the meeting of March 13th; 1 vase six American Beauty roses; 1 vase twelve roses, any variety or assorted; 3 *cinerarias*; 50 violets; 12 mushrooms; 1 specimen flowering plant.

J. H. H.

A LATE CHRYSANTHEMUM.

We have received from Mr. R. A. McPherson, manager of the Cottage Greenhouses, Litchfield, Ill., a very good 5-inch bloom of Western King chrysanthemum, borne on a stem that had not been disbudded.

Mr. McPherson writes: "With us this variety has grown differently from any other commercial kind, constantly throwing new growth terminating in such flowers as the one sent. On but a few plants saved of this variety we have had buds and blooms in all stages of growth since the first cutting, and today we are selling fine blooms of same."

ALBERT LEA, MINN.—P. Claussen & Son contemplate making large additions to their plant another season.

PITTSBURG CUT FLOWER CO., Ltd.**WHOLESALE FLORISTS.**Long Distance
'Phone 2157.

CONSIGNMENTS SOLICITED.

No. 504 Liberty St.,

FLORISTS' SUPPLIES.

Write for Price List.

PITTSBURG, PA.

Mention The Review when you write.

Asparagus PlumosusCut Strings
8 feet long.
50c per string.**Nanus**Shipped
to any part
of the country.**W. H. ELLIOTT,
BRIGHTON, MASS.**

Mention The Review when you write.

Cabbage Plants,

Jersey Wakefield and other varieties, from cold frame transplanted, 25c per 100; \$1.50 per 1000; \$12.50 per 10,000, if by mail, add 20c per 100.

LETTUCE, Boston Market, Tennis Ball, Curled Simpson, Grand Rapids and other varieties, 15c per 100; \$1.00 per 1000; \$8.50 per 10,000, if by mail, add 10c per 100.**TOMATO**, small plants for transplanting, in several varieties, 15 cts. per 100; \$1.00 per 1000.**PEPPER**, small plants for transplanting, in several varieties, 25 cts. per 100; \$2.00 per 1000, if by mail, add 10 cts. per 100.**EGG PLANTS**, New York Improved, for transplanting, 25c per 100; \$2.00 per 1000.**CELERY**, White Plume and Golden Self-Blanching, 15c per 100; \$1.00 per 1000.

Other Vegetable plants in season. Cash with order.

R. Vincent, Jr. & Son, White Marsh, Maryland.

Mention The Review when you write.

A LIMITED QUANTITY OF SEEDS For SPRING SOWING.

Separate colors Simple's Asters, crimson, lavender, pink, purple, white. Betteridges prize quilled mixed, at \$1 per ounce. Giant Branching Comet, rose pink, white, white stripe pink, \$2 per ounce. Silver Tip, blue and pink, per trade packet, 25c. Mignonette, Allen's Defiance, 50c per ounce. Golden Machet, 25c per ounce. Pure Machet, 25c per ounce.

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20,000 Rooted Cuttings; 15,000 2-in. pot Plants.

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MILFORD NURSERIES, - Milford, Del.

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WE CAN
PLEASE
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Carnations
and all
kinds of
Seasonable
Flowers
in stock.

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High Art and "business" combined.
In style most refined and quiet, such as best customers will appreciate.

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Open Every Morning at 6 o'clock for the sale of CUT FLOWERS.

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SEED
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Order now and be sure of your stock for balance of season.

Fine Line of **GALAX LEAVES.**

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Rooted Cuttings. Verbenas, 40 named kinds, all the best, 60c per 100; \$5.00 per 1000. Petunias, 30 varieties, dbl., all good named varieties, \$1.25 per 100. Heliotrope, 15 named var., \$1 per 100. Coleus, 30 named var., 70c per 100; \$6 per 1000. Ageratum, 3 var., including P. Pauline, 70c per 100. Alyssum, dbl., \$1 per 100. Lantanas, 4 var., \$1.25 per 100. Salvias, 3 var., \$1 per 100. Fuchsias, in var., \$1.50 per 100. All cuttings guaranteed. Express prepaid. Cash with order. Write

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SHAMROCK...

For St. Patrick's Day. (True.)

Fine Stock, from 2½ in. pots, \$6.00 per 100.

Nathan Smith & Son, Adrian, Mich.

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...MAMMOTH VERBENAS...

Mammoth Verbenas, large rooted plants, 60c per 100, \$4.50 per 1000. Cyclamen, 3-in., \$5 per 100; in bud and bloom, 4-in., \$1.25 per doz. Geraniums, Grant, LaFavorite, Hill and Pink, separate, 3-inch, \$3.00 per 100. Stocks, white or mixed, double, 2-in., \$1.50 per 100. Rooted Cuttings—Dble. and single Petunias, mixed, \$1 per 100. Ageratum Princess Pauline, 70c per 100. Lobelia, \$1 per 100.

SAMUEL WHITTON, 15-17 Gray Ave., UTICA, N. Y.

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200,000 Rooted Cuttings and Plants For Prompt Shipment.

We guarantee R. C. and Plants to reach you in a healthy condition. If not so return at our expense. The spring is coming. If you do not have time to get a money order of any kind, have plants sent C. O. D., with privilege of exchanging at express office. R. C. Carnations by mail, add 20c per 100.

Early orders get the best stock.	
	Per 100
Mrs. Thos. W. Lawson	\$14.00
Ethel Crocker, pink	10.00
Olympia, variegated	12.00
The Marquis, pink	10.00
Genevieve Lord, pink	10.00
G. H. Crane, scarlet	5.00
America, scarlet	4.00
Melba, light pink	3.00
Mrs. G. Bradt, variegated	3.00
Glacier, white, fine	3.00
Maud Adams, dark pink	3.00
Gomez, dark red	4.00
Mrs. F. Joost, pink	2.50
Gold Nugget, yellow	3.00
Argyle, pink, fine	1.50
Triumph, pink	1.50
Daybreak, shell pink	1.00
Empress, dark red	1.00
Flora Hill, white	1.25
White Cloud, white	2.50
Mary Wood, white, fine	3.00
Jubilee, scarlet	1.50
Psyche, variegated	1.00
Gen. Maceo	4.00
Armazindy	1.50

12 cuttings at 100 rate.

All Cuttings Warranted A1.

	Per 100
Clara Bedman Salvia	\$2.00
Geranium De Roo Mitting, 2½-inch	7.00
Geranium Double Snow Drop	7.00
Geranium Mme. Sallerol	2.00
New Yellow Baby Primrose	7.00
22 Coleus, fine, named, new	4.00
20 Standard Coleus, named	1.50
30 Double Petunias, mixed	2.00
Primula Obconica, 3½-inch	2.50
Primula Obconica, 2½-inch	2.00
Primula, Chinese, 2½-inch	1.00
Primula Chinese, in bud and bloom, 3½-in.	2.50
Primula, from flats, strong	.50
Velvet Plant	2.00
15 Begonias, flowering, named, 2½-inch	1.50
Forget-Me-Not, winter flowering, 2½-inch	1.50
Iresines, 2 varieties, red and yellow, 2½-inch	1.50
Cannas, large flowering, mixed	1.00
Mesembryanthemum Erectum, 2½-inch	1.50
California Moss; Lycopodium Dent; Alternanthera, 4 varieties; Feverfew, Little Gem; Feverfew, yellow foliage; Dusty Miller; Cigar Plant, all 2½-inch	1.50
Vinca, variegated, trailing	2.00
Ferns, mixed, our selection, 2½-inch	5.00
Lobelia, Crystal Palace Gem	1.50

Five plants at 100 rates. All our Plants are in A1 condition.

THE MORRIS FLORAL CO., Morris, Ill.

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VERBENAS.

We have 25,000 ROOTED CUTTINGS

Ready to come out of sand this week. They are all named and consist of 12 varieties of the finest market sorts.

Price 60c per 100, \$5.00 per 1000.

We prepay express on all orders for 1000 and over. Terms cash with order. Address

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DAHLIAS!!

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Booking orders now. Be quick.

Undivided roots in variety, \$60.00 per 1000.

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Chas. H. Ricksecker, Linville, N. C.

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OCEANIC, N. J.

The third annual ball of the Monmouth County Hort. Society was one of the greatest events of the season. There were over a hundred couples in the grand march and some of the most prominent people of Oceanic and neighboring towns were present. At 12 o'clock supper was served and before the regular order of dancing was started again an Irish breakdown was danced and there was also a cake walk in which Hugh Birch showed marked ability.

It was about 4 o'clock when the orchestra played "Home, Sweet Home." Most of the visitors on leaving asked, "When shall we have our next one?" and expressed themselves as having had a jolly good time. The "Gardeners' ball," as it is called here, is always a great feature, but this year it surpassed anything ever held in this vicinity.

The credit for the success of the affair is due to the committee of arrangements, which consisted of Messrs. Geo. Kuhn, Robert Murphy, Thomas McIntosh, Hugh Birch and Albert Brighton.

B.

DENVER, COLO.

There was a small attendance at the alleys last evening (Feb. 20th), but the scores were up to the average. Mr. M. Bloy, who recently arrived from Buffalo, bowled his first game with us and as the scores will show made a good start. But he was not satisfied with the three club games, so bowled an additional game with the members and made a score of 201, which was the highest for the evening. Mr. B. finds our alleys easy, or at least they seem so to him. Herewith are the scores for the evening:

	1st.	2d.	3d.	Av.
A. E. Mauff	150	189	199	179
Chas. Mauff	190	180	164	178
John Berry	154	180	170	168
Chas. Franz	163	147	149	153
M. Bloy	123	160	162	148
E. Emerick	132	167	142	147
Geo. Zimmer	160	168	111	146
A. N. Benson	158	143	112	138

J. B.

PITTSBURG.

In opening the bids for the nursery stock required by the different parks of Pittsburgh, it was found that Thomas Meehan & Sons, the nurserymen and landscape engineers of Germantown, Philadelphia, Pa., were the lowest of all bidders. This firm was awarded the contracts for every section, amounting in all to nearly ten thousand hardy trees, shrubs, vines and evergreens.

**The Cheapest
and Best**

LIZZIE
McGOWAN
Rooted Cuttings
for \$5 per
1000.
Cash Please.

B. F. MUSCHERT, Penn Valley, Pa.
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**LARGE STOCK OF STRONG
ROOTED CUTTINGS NOW READY**

G. H. Crane, Morning Glory, Maceo, Glacier, Gomez, America, Red Mrs. Bradt (or Chicago), Mary Wood and other good standard sorts.

Mrs. Geo. M. Bradt for March delivery — all the early stock sold.

FIVE 1900 NOVELTIES.

Mrs. Thos. Lawson, Ethel Crocker, The Marquis, Olympia and Genevieve Lord. At introductory prices.

We make a Specialty of Rooted Cuttings, and have three houses of stock growing for that purpose only.

SEND FOR DESCRIPTIVE PRICE LIST.

F. DORNER & SONS CO., LaFayette, Ind.

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THE GREAT AND ONLY EXCLUSIVE CARNATION SPECIALISTS.

CUTTINGS NOW READY.

	Cuttings			Blossoms per 100
	Per doz.	Per 100	Per 1000	
Genevieve Lord, the peer of any light pink				
Carnation ever offered.....	\$2.00	\$10.00	\$75.00	\$1.00
Chicago, scarlet Bradt.....	1.50	7.50	60.00	4.00
Mrs. Lawson, cerise pink.....	3.00	11.00	120.00	
Olympia, variegated.....	2.00	12.00	100.00	
Ethel Crocker, pink.....	1.50	10.00	75.00	
Marquis.....	2.00	10.00	75.00	

	Cuttings			Blossoms per 100
	Per 100	Per 1000	per 100	
Frances Joost, pink.....	\$2.50	\$20.00	\$4.00	
Mrs. Jas. Dean, pink.....	2.50	20.00	4.00	
John Young, white.....	2.50	20.00	4.00	
White Cloud, white.....	4.00	30.00	4.0	
Mrs. Bradt, variegated.....	5.00	40.00	\$1 to \$5	
Gen. Maceo, crimson.....	6.00	50.00	4.00	
Gen. Gomez, crimson.....	6.00	50.00	4.00	
G. H. Crane, scarlet.....	6.00	50.00	\$1 to \$5	
Gold Nugget, yellow.....	2.50	20.00	4.00	

	Cuttings			Blossoms per 100
	Per 100	Per 1000	per 100	
Argyle, carmine.....	\$2.50	\$20.00	\$4.00	
Jubilee, scarlet.....	2.00	15.00	\$1 to \$5	
Armazindy, variegated.....	2.00	15.00	2.00	
Evelina, white.....	2.00	15.00		
Wm. Scott, pink.....	2.00	15.00	2.00	
Victor, pink.....	2.00	15.00	2.00	
Daybreak, light pink.....	2.00	15.00		
Flora Hill, white.....	2.00	15.00	3.00	

Have Shipped 100,000 Cuttings This Season without a Kick.

CHICAGO CARNATION CO., Greenhouses and Address, JOLIET, ILL.

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ELM CITY A Grand New White....

Carnation

Seedling of Lizzie McGowan
and Mme. Diaz Albertini,
in its fifth year.

The flowers are large, finely shaped and of strong fragrance. Petals are heavy, of good substance and nicely fringed. Calyx is very strong, after the style of Mme. Albertini, and none bursting; the stem strong, holding the flower erect. The plant is a good grower and free bloomer, not subject to stem rot or any disease. Rooted Cuttings ready February 1st, \$1.50 per doz., \$10 per 100, or \$70 per 1000. Cash with order. We shall prepay the express where money accompanies the order. Orders filled in rotation.

M. E. KRAUS, 320 Davenport Ave., NEW HAVEN, CONN.

Mention The Review when you write.

GENEVIEVE LORD. The Peer of Light Pinks.

(Stock for delivery prior to March 20, all sold.)

The people know a good thing when they see it. If you haven't seen it ask someone who has concerning its appearance. It has proven itself the most popular selling carnation we have ever grown, and as it combines quantity with quality it is no surprise to know it is the most profitable we have ever grown.

Some of its Features: The finest stem of any carnation. The color is just right, the ladies go wild over it. It is large, grades easily as a fancy. Odor is very sweet. Form beautiful, calyx perfect. It is a perfect **non-bursting** carnation. Every grower will appreciate this. If you don't grow Genevieve Lord next winter your list will not be complete. Remember, stock is all sold until March 20. **PRICE: \$2.00 per doz., \$10.00 per 100, \$75.00 per 1000.**

Catalogue ready now containing full description of the above as well as the other big new ones and standard sorts. A postal card will bring it. Also complete list of new and standard Chrysanthemums.

H. WEBER & SONS, - - Oakland, Md.

Mention The Review when you write.

Ethel Crocker. Absolutely the Best Pink Carnation ever offered the trade.

A fact fully borne out by its record, being equally good with Craig, Hill and myself (an assurance that it is not a success in one soil and a failure in another.) By its having been shown at the flower shows and clubs since early in September (an assurance that it is not a good late carnation but an all season variety.)

In color, size, fragrance and stem it is just what the "storemen" want. In habit, constitution and freedom of bloom it is just what the grower wants. It produces more flowers to the square foot than any other known variety, and is never out of crop from September to July.

With 18,000 stock plants to work from there is no danger of it being overpropagated, and all orders entrusted to me will be filled with cuttings selected from the plants and also in filling the order, by myself, thus doubly assuring good stock. Honest sample blooms furnished prepaid at \$1.00 per dozen, amount deducted from all orders for 100 or over. Up to date every sample excepting one out of several hundred sent has brought an order.

Price per 100, \$10.00; per 25, \$2.50. Per 1000, \$75.00; per 250, \$18.75. **HERR'S PANSIES**, good little plants at 75c per 100; \$4.00 per 1000.

Price list of standard varieties ready now.

ALBERT M. HERR, Lancaster, Pa.

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FINE STOCKY PLANTS

Per 100
Alternanthera, Yellow, \$1.75 per 100; Red, \$2.00
Oxalis Floribunda, 2-in. pot 2.50
Vinca Vines, 2 varieties, 2-in. pot 2.50
Geraniums, 16 2 1/2 3.00
Pansy Plants, large flowering, per 1000, \$2.50. 50

CASH WITH ORDER.

JOS. H. CUNNINGHAM, - - Delaware, Ohio.

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Carnation Cuttings...

NOW READY.

Jubilee, White Cloud, Daybreak, Flora Hill and other standard varieties. Write for prices. We control the original stock of **MME. CHAPMAN** the Grand Rapids pink sport of D. B.

CRABB & HUNTER, Grand Rapids, Mich.

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Supplies at wholesale rates through the Co-operative Purchase Department.

Free registration of plant introductions.

Dues after first year, \$ 8.00 annually.

Life membership, - 30.00

Next Convention, New York City,

August, 1900.

Write the Secretary,

WM. J. STEWART,

67 Bromfield Street, Boston, Mass.

THE NEW PINK "Mrs. BERTRAM LIPPINCOTT" CARNATION....

SCORED 86 POINTS and secured the Certificate of Merit at the Carnation Growers' Convention held in Buffalo, Feb. 15 and 16, 1900. We are still booking orders for immediate delivery of fine healthy rooted plants as long as the stock lasts.

ORDER AT ONCE if you want the **VERY BEST LIGHT PINK** Carnation now on the market. The grower (Mr. Kuhn), may not have enough to go around, judging by the demand.

\$10.00 per 100 (25 and over at 100 rates.)
\$75.00 per 1000 (250 and over at 1000 rates.)

FOR SALE ONLY BY

HENRY F. MICHELL, 1018 Market Street, PHILADELPHIA.

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NEW CARNATIONS.

We are now ready to receive orders for strong rooted CUTTINGS.....

GEN. MACEO } \$1 per doz., \$6 per 100, \$50 per 1000.
G. H. CRANE }
GLACIER }
MORNING GLORY }

GEN. GOMEZ } 75c per doz., \$5 per 100, \$40 per 1000.
MRS. G. M. BRADT }

WHITE CLOUD } 50c per doz., \$4 per 100, \$30 per 1000.
GOLD NUGGET }

25 at 100 rate. 250 at 1000 rate.

We have Fine Large Stocks and will deliver only Fine, Strong, Well-Rooted Cuttings.

THE COTTAGE GARDENS, - QUEENS, N. Y.

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CARNATIONS.

BEST NEW AND STANDARD VARIETIES. Write for catalogue and prices.

W. P. PEACOCK, ATCO, N. J.

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NEW CROP WINTER BLOOMING CARNATION SEEDS.....

Hand Fertilized. 25 cents per 100.

CASH WITH ORDER.

AMERICAN ROSE COMPANY, WASHINGTON, D. C.

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NEW CARNATIONS.

12 Novelties of 1900. 27 of the Best Standard Varieties. Send for price list.

GEO. HANCOCK & SON, GRAND HAVEN, Mich.

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FOLLOWING ROSES

In 2-inch, **NOW READY TO SHIP:**

Perles, Woottons, Kaisersins, Maids and Beauties; also first shifting in 2 1/2s ready for \$8. Write for prices.

A SPECIAL IN BOSTON FERNS in 5-inch pots.

GEO. A. KUHL, PEKIN, ILL.

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Rate for advertisements under this head, 10 cents a line net, per insertion. New advs. and changes must reach us by Wednesday morning at latest to secure proper classification in issue of Thursday.

ABUTILON.

Abutilon Eclipse, fine stock, 2½-in., \$4.00 per 100. Beach & Chessman, Richmond, Ind.

Abutilon, B. de Neige and Souv. de Bon, \$4.00 per 100. W. L. Smith, Aurora, Ill.

ACACIAS.

A. paradoxa, fine Easter plant, each 30c, 50c, 75c, 1 ft., 1½ ft., 2 ft. Order now. K. J. Kuyk, Ghent, Belgium, care J. Ter Kuile, 33 Broadway, New York.

ACALYPHA.

Acalypha Sanderi, fine 2½-in. plants, \$8.00 per 100. The Conard & Jones Co., West Grove, Pa.

Acalypha Sanderi, \$1.00 a doz.; \$8 a 100. A. triumphans, 50c a doz.; \$3.50 a 100. Good & Reese Co., Springfield, O.

ACHYRANTHES.

Achyranthes, 2½ cts. Cash. A. J. Baldwin, Newark, O.

AGERATUM.

Ageratum Stella Gurney. The best dwarf blue Ageratum yet introduced. Habit perfect, color deep and very free. \$1.25 per doz.; \$8.00 per 100.

H. A. Dreer, 714 Chestnut St., Phila., Pa.

Princess Pauline and Brighton Beauty, the best of all and the only ones to grow, 2½-in., \$2.50 per 100.

Beach & Chessman, Richmond, Ind.

Ageratum, Tapis blue, dwarf and the best blue to date, 2½ cts. White Cape, dwarf, extra fine white flowers, 2½ cts. Cash. A. J. Baldwin, Newark, O.

R. C., blue and white, \$1.00 per 100; Princess Pauline, \$1.25 per 100. Greene & Underhill, Watertown, N. Y.

Ageratum Princess Pauline, the only one to grow. Extra strong, 2½-in., \$2.50 per 100. South Side Floral Co., Springfield, Ill.

Rooted cuttings, blue and white, 50c, Pauline, 60c. 2½-in., \$1.25.

R. Tindall, Independence, Mo.

Princess Pauline, rooted cuttings, 70c per 100. S. Whitton, 15-17 Gray Ave., Utica, N. Y.

Ageratum, \$3.00 per 100. W. L. Smith, Aurora, Ill.

ALTERNANTHERA.

40,000, 4 varieties, red, yellow, pink and large pink leaved, strong, full of cuttings; were potted last August, 2½-in., \$2.00 per 100. Morris Floral Co., Morris, Ill.

R. C., red and yellow, 60c per 100; \$5.00 per 1000; summer struck, \$1.00 per 100; \$9.00 per 1000. Greene & Underhill, Watertown, N. Y.

Alternantheras, 50c per 100. Rose Terrace Greenhouses, Mrs. J. W. Crouch, Chattanooga, Tenn.

Alternantheras, fine, stocky plants, yellow, \$1.75; red, \$2.00 per 100. Cash. Jos. H. Cunningham, Delaware, O.

Alternantheras, red and yellow, 50c per 100; \$4.00 per 1000. C. Otto Schwabe, Jenkintown Pa.

4 varieties, rooted cuttings, 50 cts per 100; \$4.00 per 1000. C. G. Nanz, Owensboro, Ky.

Alternanthera, 2 vars., \$2.50 per 100; \$20.00 per 1000. W. L. Smith, Aurora, Ill.

Alternanthera, \$4.00 per 1000. E. I. Rawlings, Quakertown, Pa.

ALYSSUM.

Double flowered, fine 2-in. plants, \$2.50 per 100. Beach & Chessman, Richmond, Ind.

Double giant, \$1.00 per 100. Greene & Underhill, Watertown, N. Y.

Alyssum, strong 2-in., 2c. South Side Floral Co., Springfield, Ill.

Alyssum, double giant, \$1.00 per 100. C. Otto Schwabe, Jenkintown, Pa.

Double sweet alyssum 2 cts. Cash. A. J. Baldwin, Newark, O.

Alyssum, 3 var., \$3.00 per 100. W. L. Smith, Aurora, Ill.

ANTHERICUM.

3-in., \$6.00 per 100. Greene & Underhill, Watertown, N. Y.

Anthericum Var., 2½-in., \$4.00 per 100. Beach & Chessman, Richmond, Ind.

ASPARAGUS.

400 Plumosus. Extra strong, 3-in., at \$6.00 per 100; or will exchange for Begonias, Kaiseirin and Perle roses, etc. Send list of what you have to exchange, with price.

Tipton & Hurst, Little Rock, Ark.

Sprenger, 2½-inch, extra strong, \$5.00 per 100; 3-inch, extra strong, \$7.00 per 100; 4-inch, very fine, \$1.75 per doz.; 5-inch, very fine, \$2.50 per doz. The Calla Greenhouses, Calla, O.

A. plumosus nanus seed, doz., 15 cts; 100, \$1.00; 1000, \$9.00. A. Sprenger, doz., 10 cts; 100, 75 cts; 1000, \$6.00. H. H. Berger & Co., 47 Barclay St., New York.

Asparagus Plumosus Nanus, nice plants, 2½-in. pots, \$1.50 per 100; \$40.00 per 1000. Sprenger, 2½-in., \$3.50 per 100; \$30.00 per 1000.

John A. Doyle Co., Springfield, Ohio.

Asparagus Sprenger from 2½-in. pots, strong, \$4.00 per 100.

Harvey B. Snow, Camden, N. Y.

Sprenger, 50c per doz.; \$3.50 per 100. Plumosus nanus, 50c per doz.; \$4 per 100.

Good & Reese Co., Springfield, O.

Asparagus Sprenger, 3½-in., fine, bushy stock, \$1.00 per doz.; \$7.50 per 100. Cash. Benj. Connell, West Grove, Pa.

Plumosus, 3-in., \$8.00 per 100. Cash. Geo. M. Emmans, Newton, N. J.

BASKET PLANTS.

Trailing lantana, just what you want for vases, baskets, etc., 2½ cts. Gnaphalium, fine for baskets, 2½ cts. Cash.

A. J. Baldwin, Newark, O.

BEGONIAS.

Begonia Duke Zeppelin. A sun-proof double scarlet variety; one of the best bedding varieties, 20 cents each; \$2.00 per doz.; \$15.00 per 100. Begonia New Frilled. These are perfection in tuberous rooted Begonias. Flowers from four to five inches across, with wavy petals which are frilled on the edges like a fine petunia, 25 cts each; \$2.50 per doz.; \$20.00 per 100.

Single, rose scarlet, white, yellow, orange, 40c per doz.; \$2.50 per 100; \$20.00 per 1000. Singles in choicest mixture, 35c per doz.; \$2.00 per 100; \$18.00 per 1000. Double, rose, scarlet, white, yellow, 65c per doz.; \$5.00 per 100; \$40.00 per 1000; double in choicest mixture, 50c per doz.; \$4.00 per 100; \$35.00 per 1000.

Henry Dreer, 714 Chestnut St., Phila., Pa.

Begonia tuberous, single colors, separate. Per 100, English strain, \$3.50; Belgian, \$2.50. Double colors, separate, English strain, \$5.00; Belgian, \$4.00.

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Graf Zeppelin, best double scarlet for sunny borders. H. Henkel, Darmstadt, Germany.

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After filling our contract orders we have 50,000 No. 1 4 to 6-in. Excelsior Pearl bulbs to offer at \$5.00 per 1000. No. 2's, 3 to 4-in., \$2.50 per 1000. Caladium Esculentum bulbs, 4 to 5-in. circumference, \$6.00; 5 to 7-in., \$10.00; 7 to 9-in., \$22.00; 9 to 11-in., \$35.00 per 1000. Jno. F. Croom & Bro., Magnolia, N. C.

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Dble Pearl Tuberose bulbs, good, sound, reliable bloomers. No. 1, 4-in. and up, \$1.00 per 100; \$6.00 per 1000. No. 2, 3 to 4-in., 50c per 100; \$3.00 per 1000. The latter all good blooming bulbs. Chas. Black, Hightstown, N. J.

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Fancy leaved caladiums: \$6.00 per 100 for our list No. 1, consisting of 10 varieties, large bulbs, good colors. List No. 2, choice assortment of best Brazilian, 10 varieties, beautiful shapes of coloring, \$10.00 per 100. Or both lists, 20 varieties, 200 good bulbs, \$15.00.

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A few thousand Fancy Leaved Caladium at less than real value. Among the above are some fine Brazilian varieties and very choice other kinds of all shades, named, and some under number. Address for particulars.

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Genevieve Lord	10.00	75.00
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Chicago or Red Bradt	7.50	60.00
G. H. Crane	6.00	50.00
Mrs. Geo. M. Bradt	5.00	40.00
White Cloud	4.00	30.00
Gold Nugget	4.00	30.00
Frances Joost	3.00	25.00
Gen. Gomez	5.00	40.00
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	Per 100	Per 1000
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Albertini—sweet scented pink	2.00	15.00
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McGowan, Mayor Pingree, Wm. Scott, Tidal Wave and Morello, \$1.00 per 100; \$7.50 per 1000.

All rooted cuttings sold under the condition that if not satisfactory they are to be returned at once and money will be refunded.

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Carnation cuttings. McGowan, Evelina, Pingree, Scott, Nivea, Morello, \$1.00 per 100. Daybreak, Argyle, Armazindy, \$1.25 per 100. Flora Hill, Gold Nugget, Triumph, Victor, \$2.00 per 100.

White Cloud, Frances Joost, Evanston, Jubilee, \$2.50 per 100.

Mrs. Bradt, Gov. Griggs, Leslie Paul, Melba, America, \$3.00 per 100.

G. H. Crane, \$5.00 per 100. Mrs. Lawson, \$14.00 per 100.

10 per cent discount on thousand lots.

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New carnation Estelle, certificated by A. C. S. at Chicago and Cincinnati. A bright illuminating scarlet; stem strong and stiff, holding flowers gracefully erect; attains a length of 12 to 16 inches by December; a free, early, continuous bloomer. Stock is limited and cuttings are all sold for Feb. to Mar. 15th delivery. Price, \$10.00 per 100; \$75.00 per 1000. All the novelties and standard sorts. Write for price list. R. Witterstaetter, Station F, Cincinnati, O.

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Big cut to make room; good, clean rooted cuttings, Peach Blow, Scott, Bridesmaid, Rose Queen, 75c per 100; \$6.00 per 1000. Flora Hill, Jubilee, Triumph, Kohinoor, \$1.50 per 100. Albertini, Armazindy, Emily Pierson, \$1.25 per 100; any of above from 2-in. pots, 50c more. Cash with order.

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100,000 rooted cuttings, ready to ship. Early orders get the best stock. Mrs. Thos. W. Lawson, \$14.00 per 100; Olympia, \$12.00 per 100; Crocker, Marquis, Lord, \$10.00 per 100; Crane, \$5.00 per 100; America, \$4.00 per 100. 12 cuttings at 100 rate. All the other new and standard sorts, for prices see large adv.

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Rooted cuttings, extra strong. Ready now. Daybreak, Jno. Young, Flora Hill, Eldorado, Freedom, Victor, \$1.50 per 100; \$12.00 per 1000. White Cloud, Frances Joost, \$2.50 per 100; \$20.00 per 1000. Dexter Purit, a good commercial scarlet, \$2.50 per 100.

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Strong, bushy, English Ivies, 4 ft. high, at \$15 per 100. Strong stock plants of Geranium Mars, at \$2.50 per doz. Strong stock, one-year-old plants of Double and Single Grant, and other good varieties of Geraniums, \$15 a 100.
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Geraniums: S. A. Nutt, Poitevine, E. G. Hill, Double Grant, J. J. Harrison, 2-in., \$3.00 per 100. Single Grant, Bruant, Murandi, Sam Sloan, La Favorite, 2-in., \$2.50 per 100. Cash.
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	in.	in.	lva.	100.	1000.
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"	4	15-18	2-3	20.00	150
"	5	18-20	4-5	25.00	
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520-535 Carlton Building, Chicago,

334 Dearborn Street.

Subscription, \$1.00 a year. To Europe, \$2.00. Subscriptions accepted from those in the trade only.

Advertising rates: Per inch, \$1.00; 1/4 page, \$12.50; full page, \$50.00. Discounts: 6 times, 5 per cent; 12 times, 10 per cent; 24 times, 20 per cent; 48 times, 30 per cent. Discounts allowed only on consecutive insertions. Only strictly trade advertising accepted. Advertisements must reach us by Tuesday to insure insertion in the issue of the following Thursday.

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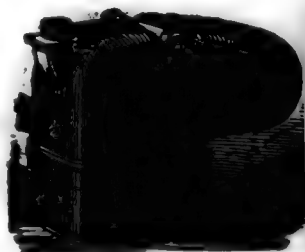
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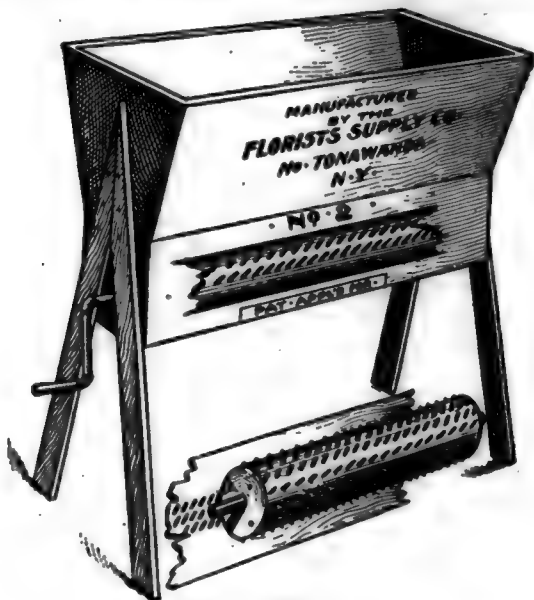
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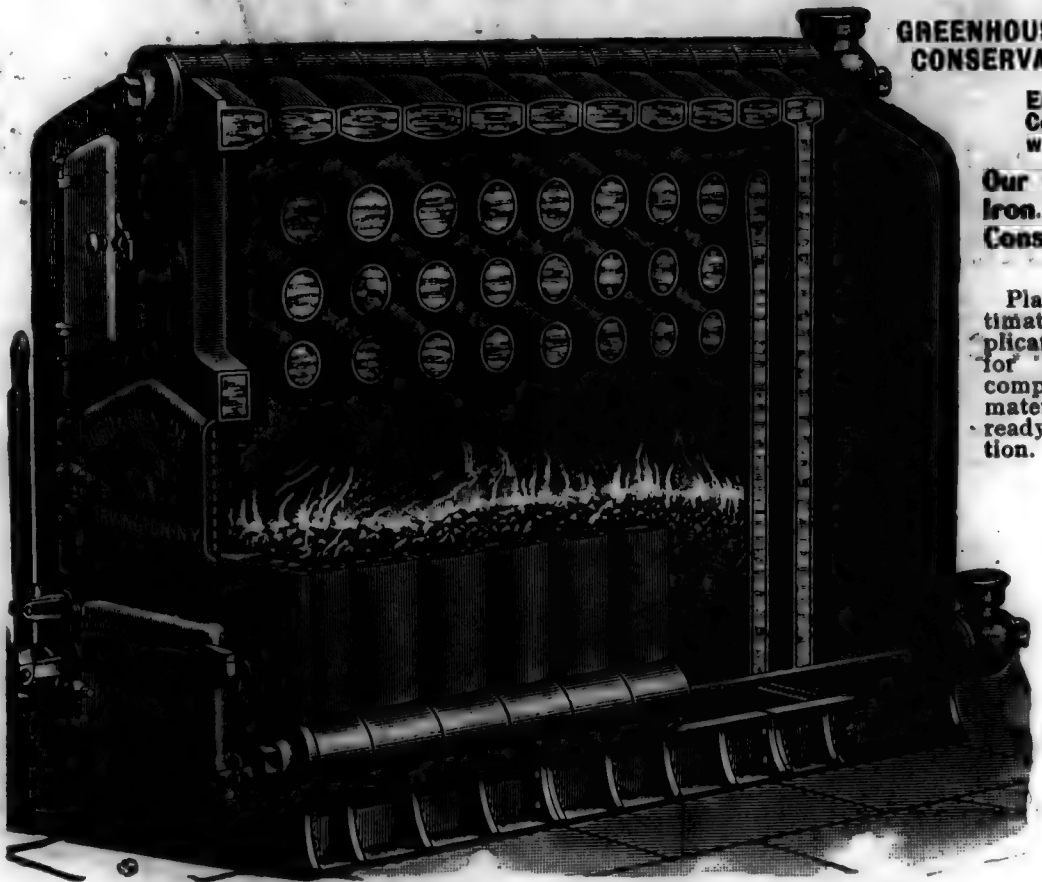
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FLORISTS REVIEW

FLORISTS' PUBLISHING CO., 520-535 Caxton Building, CHICAGO.

Vol. V.

CHICAGO AND NEW YORK, MARCH 8, 1900.

No. 119.

ORDERS BOOKED NOW in order of receipt for rooted cuttings of the famous

Mrs. Thomas W. Lawson

The
\$30,000
Queen of

Carnations

For
Spring
Delivery

COMMENCING FEB. 1, 1900.

PRICES:	Per dozen.....	\$3.00
	Per 100.....	\$14.00
	Per 1,000.....	\$120.00
	Per 5,000.....	\$500.00
	Per 10,000.....	\$800.00

TERMS:
Strictly cash or
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The quoted prices are for the TRADE ONLY, and all orders must be from dealers. Cuttings will be carefully packed under the supervision and sent direct from the establishment of the originator and grower,

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Thos. F. Gulvin

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PATENT

Adjustable Vase Holders.

No. 1—Brass, nickled, 4 feet long, six clasps to each rod.
Price complete (with green or white tumblers) \$2.25
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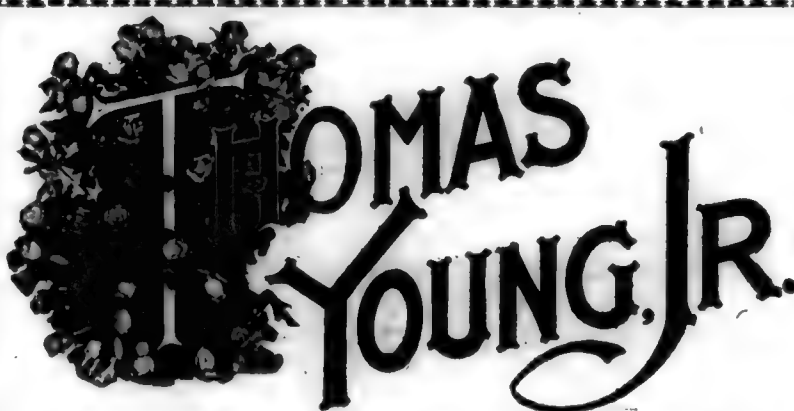
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American Beauties.

Orders received YOUNG PLANTS will be ready APRIL 1st, 2 x 3-inch pots, \$6.00 per 100; \$50.00 per 1000.
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FERN SPORES SOW NOW!!

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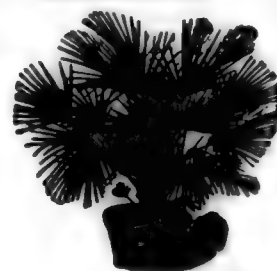
HARDY Cut Ferns!

\$1.00 per 1000.

GALAX LEAVES.....\$1.00 per 1000
BOUQUET GREEN.....4 cts. per lb.
SPHAGNUM MOSS.....75 cts. per bbl.
BOUQUET GREEN WREATHING,
all sizes made to order3 to 8 cts. per yd.
BALED SPRUCE, for cemetery use, etc., etc.

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We are headquarters for established and imported Orchids of A1 quality.

Our new price list now ready.

CHERRY WOOD BASKETS,
FRESH MOSS AND PEAT.

Lager & Hurrell, Growers and Importers.... Summit, N. J.

Mention The Review when you write.



Electricity.

Electricity is still an unknown quantity; no one now living can tell what uses it may yet be put to. The possibilities are immeasurable. The great benefits it has rendered to floriculture will never be fully appreciated, because we live in an age when people are accustomed to all manner of phenomena, and quickly cease to wonder at anything except, perhaps, the cupidty of fame and fortune according to magnified ideas.

Let us consider electricity as an adjunct to decorative art, or merely as a means of illuminating your place of business. Some of you even today continue to use gas, to the detriment of plants and flowers, and consequently your purse. Any florist with any pretension to either artistic temperament or any degree of ambition has his store illuminated by electricity; but what puzzles us most is the poor taste displayed in the arranging of the lights. Everything seems to be left to the electrician, who, although a good mechanic, is more often a bad artist, and despite the fact that everything about one's store is supposed to reflect the judgment or ability of the proprietor.

Electricity employed in lighting up a store should not be considered merely from an economic point of view, but as a means of producing and illustrating beauty. The manner of doing this depends much on your own ingenuity, because recent inventions and improvements place almost every effect within easy accomplishment. Now supposing you took away those evenly arranged rows of incandescent lamps 'round the framework of your window and inserted, say, six or ten of them, in a large cut glass globe in the center of the top of the window; the effect is far more beautiful. Whatever pretty effect may be got from frosted electric globes there is absolutely none in plain ones, especially when arranged in rows and devoid of reflectors. If you will study your window you will find that more pleasing results will be obtained from shaded lights; the glare of the light is too common to attract; hide it with a

shade that will cast the rays on your plants and flowers.

Electric signs outside your window are not only a foolish waste of money and effort, but are an indication that you ape the sporty and vulgar. A good name and business need no brazen illumination; have all your light artistically arranged inside, for even if your trade be in poor quarters the poorest appreciate the refinement of quietness; people will not patronize you for the quantity of lights you display, but rather for yourself and your methods.

Now, when we consider electricity from a decorative standpoint, we must cut loose from any indifferent feeling. We are too well aware of the fact that there are many florists who imagine they cannot be taught anything, but most of their work cannot stand analysis; that's where bluffs are boomerangs. We must first remember how difficult it was and is to decorate where gas is used; the dread of fire many times prevented the execution of certain designs and made our work seem incomplete. It is not so with the light of the times; electricity not only adds its glory to decorative work, but it has encouraged and increased the fashion and forms of floral art by its imparting a confidence of security. We should not be content to rest at that, but convert it into being a part of our design. You may hang all the garlands you like among incandescent lights; the effect is glarish and spoiled, unless you take steps to make the whole a symphony.

Colored glass is undesirable because the colors and effects are circumscribed; much more satisfactory results can be got from shaded lights; the shades can be made of silk, cheese cloth or crepe paper; these can be had in every shade of color; they cost very little and can be used for many affairs. Decorations always appear best under a mildly subdued light, such as that as is commonly known as Oriental; this is particularly so where a large quantity of greenery is used, but even in the most brilliantly lighted hall or ballroom soft hued lights are best.

There is no reason why you should not take entire charge of the total effect in a particular decoration; we have often done so. In rooms where an abundance of vines and plants were used we have covered the lights with green silk shades; if we thought a contrast would emphasize beauty we have put red in some alcove or corner to be used for a cozy retreat. In rooms where yellow, pink or red prevails there is no reason why the lights should not be the same shade, always remembering that harmony is the greatest producer of pleasure in art as in society.

The time will come when electricity will be used instead of the, in most cases, dirty and annoying candles for table decoration. Nay, even now it is often used more satisfactorily in this way; not only can batteries be placed beneath the table, but the power can be obtained from any ordinary circuit; careful insulation is all that is necessary; the wires can be hidden beneath rugs. As for a lamp, you can get them in any shape, size or color, and they can be inserted inside many kinds of flowers; only one color is permissible on a table.

Alexander McConnell, at 45th street and Fifth avenue, New York City, has had a small electric fountain in one of his windows all this season; it is very attractive; six distinct colors are shown; it is conducted by connection to the wires in the store and doesn't cost very much. The possibilities in this line are very great, not only in store and decorative attractions, but they might also be a leading feature in flower shows.

The florist who is always anxious to be ahead will find much to help him in a study of light and shade. It is possible now to have shower effects in "fairy lamps"; they can be made very beautiful where the electrician works in harmony with the florist. Keep the wires, even the lights, away from your plants, for they will not stand a too close proximity; 'tis better for you to use string than wire when working close to electrical wires.

There were many thousands of incandescent lights used in the decorations illustrated this week, and though the whole scene was very brilliant, there were places here and there where if clustered shaded colors were used the effect would have been still more beautiful.

Ball Decoration.

The Arion Society of New York is perhaps the leading German society in the United States. Every year they give a carnival ball in the Madison Square Gardens, New York. The expenses amount to about \$28,000. The price of admission for lady and gentlemen is \$10.00. The affairs are very successful.

Hanft Bros. have always had charge of the decorations, and this year we had some photographs of them specially taken for this department of the

Review. These pictures were taken by time exposures and under great difficulties. The reason why we don't show you illustrations of the fine decorations done by New York florists is because the proprietors of the halls where banquets and festivals occur dread flash lights, and usually otherwise the light is too poor.

These pictures show you the interior of the main hall of the Madison Square Gardens; it is the finest exhibition building in the country. It is a very difficult building to decorate, perhaps the second hardest we have in New York; the stretch of roof is enormous and the decorator must creep out on each girder and carry his stuff with him; even the nerviest man in such a case holds his heart in his mouth and carries his life on his finger tips. Imagine yourself there struggling with hands and feet to guard your life and with eyes to create a beautiful scene.

These decorations are the highest type of American work in the composite class. Of course this is for a masked ball; a hired ballet and several floats are used, and all is arranged to produce the finest spectacular effects. The details of the affair may be faulty, but the whole creates a very beautiful picture. In the center of the floor they erected a white and gold pagoda; this was also a blaze of electric lights. (We ourselves would prefer an electric fountain there.) A promenade walk about 20 feet wide is partitioned off all around the hall; this is done by a 4-foot hedge of hemlock; here and there, especially at the base of the statuettes shown, are grouped cinerarias, azaleas and various kinds of bulb stock without particular attention as to color harmony, the idea being to give the impression of what are known as "Dutch Garden" effects.

The ceiling is almost covered with colored bunting and heavy garlands of hemlock roping, to which are attached strings of electric lights and paper paeony flowers. Some very good decorative work can be seen on the sides of the building. Several thousand yards of red, white, green and yellow cheese cloth is gracefully looped and outlined, and framed with garland or greenery.

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CYCLAMEN—SWEET ALYSSUM.

Please tell us what culture is the best for cyclamens, and how to keep them in the summer.

Where can we get the long-stemmed alyssum?
B. B. & S.

The culture of this most important plant, the cyclamen, has been often written up in the columns of the trade journals. Presuming that you now have small plants in 2 or 2½-inch pots that were sown in October or November, the principal points to observe will be that they be given plenty of light. If the house is not a modern one, then put the cyclamen on a shelf near the glass. Shift into 3 or 4-inch as soon as well rooted in the smaller pots. Put a little drainage in bottom of pot, because the cyclamen needs plenty of watering and syringing. Never let them get killing dry, and to avoid this a shade during the brightest hours of the day is most desirable, but a permanent shade that would be on them at all hours would be very hurtful to them.

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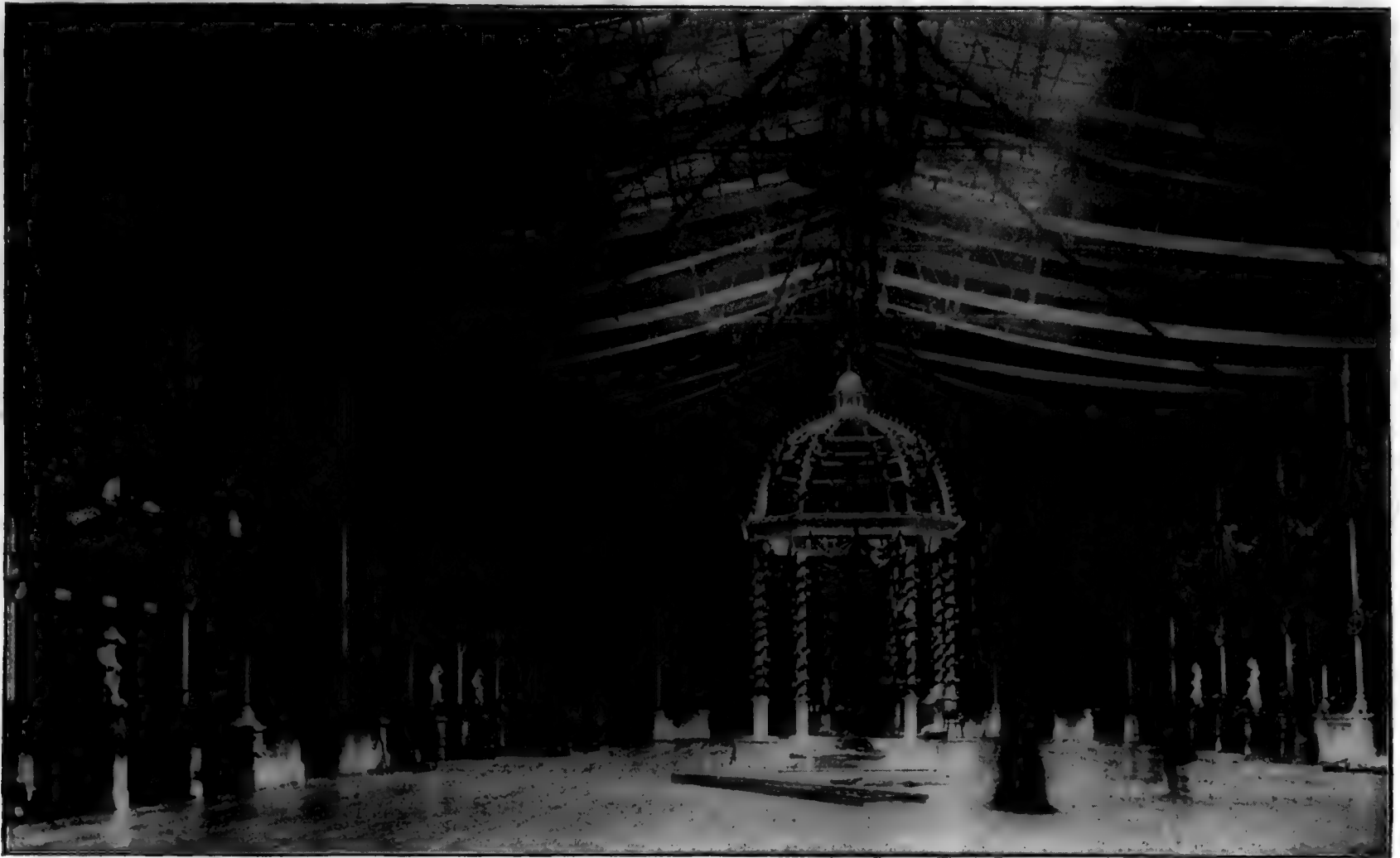
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W. T. BELL.

Franklin, Pa., March 5, 1900.

BULB GROWING IN THE SOUTH.

Why not grow the million dollars' worth of bulbs that we import each year into this country. We have in this country every kind of climate and soil that is to be found anywhere on earth, and is there any reason why we cannot produce in this country all of the bulbs and plants that we import? A protective tariff of 25 per cent ought to be sufficient to encourage this infant industry, if it needs protection. For my part I can see no reason why bulb growing cannot become the most profitable industry in this country.

I have been studying the possibilities of bulb growing for some time and believe there is nothing that will pay as well. Last season on one-third of an acre I planted \$60 worth of gladiolus bulbs and bulblets and produced a crop worth \$400. I believe that with a milder climate and a longer season, such as can be found in our southern states, even better results can be obtained. I recently spent a few weeks in southwestern Alabama looking for a suitable location for bulb growing and studying the possibilities of that part of the country, and

I am more than pleased with what I learned there. Gladiolus and cannas are left in the open ground all winter in the gardens that I visited, and I never saw finer narcissus bulbs in my life than I dug up in an old garden there. All bulbs that have been tested seem to be perfectly at home, but hardly any one has ever given a thought to the commercial possibilities of bulb culture.

In a short time I intend to return to the south and put out a stock of bulbs, and meanwhile I wish that any of your southern readers who have had even a slight experience with any kind of bulbs in the south would give us through the Review a few notes on their experiences.

L. H. READ.

Grand Rapids, Wis.

ON THE HORNS OF A BUFFALO.

I read Buffalo's severe remarks in the Review of last week to my friend Sam De Graw, who feels sorry that his half-joking impressions should have been taken so seriously by Buffalo, and hopes that no one else will feel so much hurt by them.

The show was a grand one, and I myself heard Sam tell Buffalo as much, but when everybody praises a thing sometimes a few notes in a minor key will set those most interested to thinking, and Buffalo has evidently thought about the scoring nonsense or he

would not have said what he did of it.

He admits, as very few scorers are willing to do, that scoring is done by comparison, as Sam said it was, and why not stop at that? Sam says that he would be perfectly willing to allow Buffalo to judge a seedling of his, if he was fortunate enough to have one, and tell him whether or not it was good enough for a certificate, without the humbuggery of scoring it to eighty-seven and three-quarter points, as some pretend to be able to do. Sam has had to do with scoring and scorers before Buffalo ever split fractions in its application, and has seen so many absurdities result from it that he has always opposed the plan, but he has no expectation that Buffalo and others will drop it for that reason.

From Buffalo's remarks one might infer that Sam would scarcely know a carnation when he saw one, but this is wrong, for there are few florists in the country who have watched the development of the carnation more closely than he has, or with more interest. He was growing Day-break—the most profitable commercial carnation for years if not to date—for one or two seasons before Buffalo had it; tests the best new ones as they appear, already has some of the best newest ones of this year, and is intrusted with kinds that will not be distributed for some time to come, that the grower may have his

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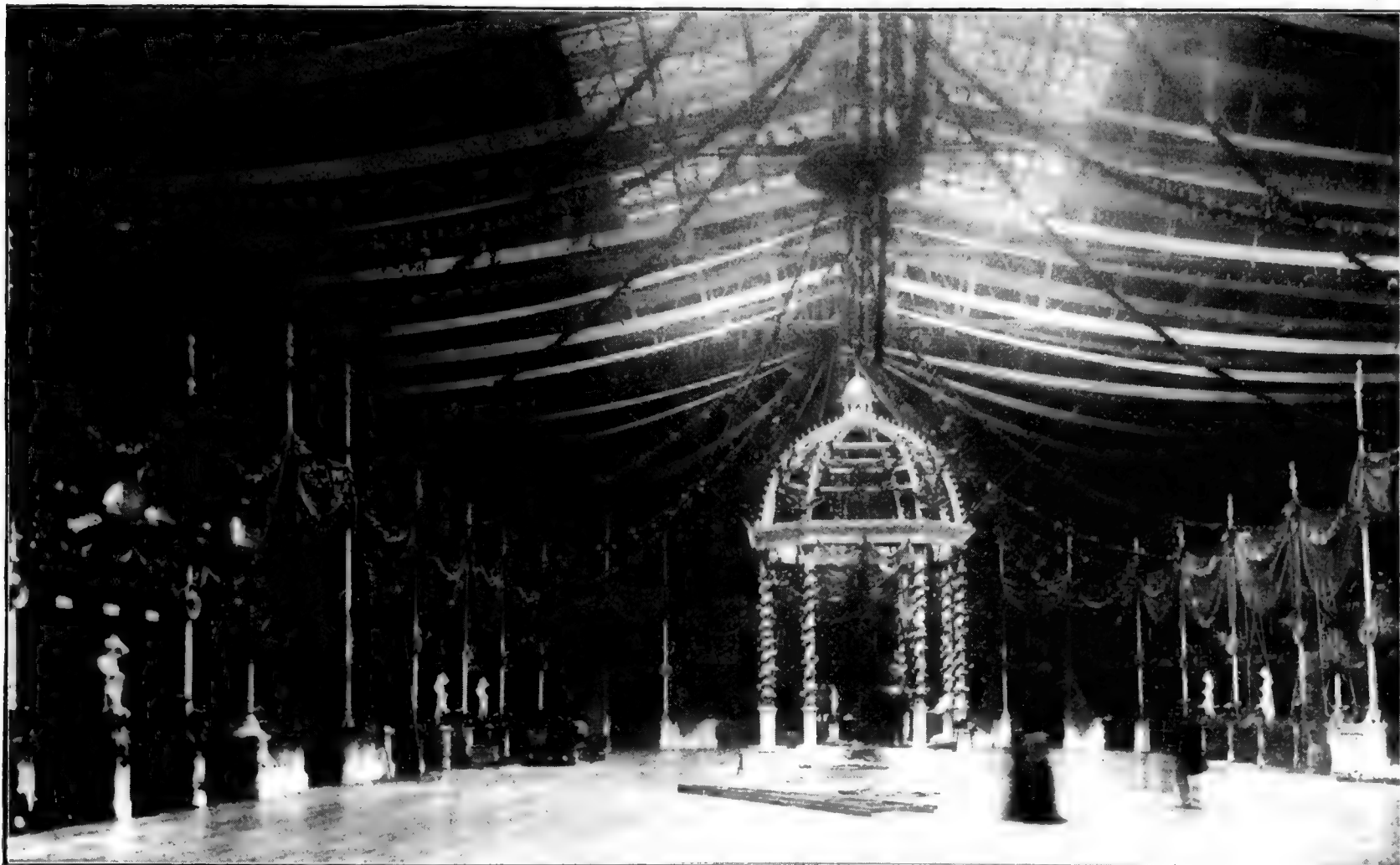
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I have been studying the possibilities of bulb growing for some time and believe there is nothing that will pay as well. Last season on one-third of an acre I planted \$60 worth of gladiolus bulbs and bulblets and produced a crop worth \$400. I believe that with a milder climate and a longer season, such as can be found in our southern states, even better results can be obtained. I recently spent a few weeks in southwestern Alabama looking for a suitable location for bulb growing and studying the possibilities of that part of the country, and

I am more than pleased with what I learned there. Gladiolus and cannas are left in the open ground all winter in the gardens that I visited, and I never saw finer narcissus bulbs in my life than I dug up in an old garden there. All bulbs that have been tested seem to be perfectly at home, but hardly any one has ever given a thought to the commercial possibilities of bulb culture.

In a short time I intend to return to the south and put out a stock of bulbs, and meanwhile I wish that any of your southern readers who have had even a slight experience with any kind of bulbs in the south would give us through the Review a few notes on their experiences.

L. H. READ.

Grand Rapids, Wis.

ON THE HORNS OF A BUFFALO.

I read Buffalo's severe remarks in the Review of last week to my friend Sam De Graw, who feels sorry that his half-joking impressions should have been taken so seriously by Buffalo, and hopes that no one else will feel so much hurt by them.

The show was a grand one, and I myself heard Sam tell Buffalo as much, but when everybody praises a thing sometimes a few notes in a minor key will set those most interested to thinking, and Buffalo has evidently thought about the scoring nonsense or he

would not have said what he did of it.

He admits, as very few scorers are willing to do, that scoring is done by comparison, as Sam said it was, and why not stop at that? Sam says that he would be perfectly willing to allow Buffalo to judge a seedling of his, if he was fortunate enough to have one, and tell him whether or not it was good enough for a certificate, without the humbuggery of scoring it to eighty-seven and three-quarter points, as some pretend to be able to do. Sam has had to do with scoring and scorers before Buffalo ever split fractions in its application, and has seen so many absurdities result from it that he has always opposed the plan, but he has no expectation that Buffalo and others will drop it for that reason.

From Buffalo's remarks one might infer that Sam would scarcely know a carnation when he saw one, but this is wrong, for there are few florists in the country who have watched the development of the carnation more closely than he has, or with more interest. He was growing Day-break—the most profitable commercial carnation for years if not to date—for one or two seasons before Buffalo had it; tests the best new ones as they appear, already has some of the best newest ones of this year, and is intrusted with kinds that will not be distributed for some time to come, that the grower may have his

opinion of their merits; and he is, I assure Buffalo, fully awake. He is a fossilist but not a fossil.

Buffalo must not assume that because a man does not dwell on the classic banks of Conjockety Creek or

does not enthuse over the antics of Steve Brody's Undines—but that won't do; Undine was a water nymph.

W. T. BELL.

Franklin, Pa., March 3, 1900.

MISCELLANEOUS SEASONABLE HINTS.

Seed Sowing.

It will soon be time to sow the main crop of all our so-called hardy annuals, such as asters, zinnias, Phlox Drummondii, Ten-week stocks, French and African marigold, calendula, dianthus (under which name we know the different China pinks).

Cobea should also now be sown. In sowing Cobea there is a right and wrong end to press in the soil, but it is not easy to explain which is the proper end to insert in the soil, and you will do very well by squeezing each seed in edgeways. Don't cover with soil; by pressing the seed into the soft soil it needs no covering, and if kept in a night temperature of 60 degrees and moderately moist it will all germinate, for the seed we get nowadays is mostly all good.

The annuals mentioned above are best sown in flats, or if smaller quantities, in pans. In flats 3 inches deep (they are the same that we use for forcing bulbs) we put 1½ inches of the siftings of our potting soil, and then one inch of sifted loam and leaf mould, about equal parts. When the surface has been pressed down slightly firm and with even surface, give them a good soaking, and when the water has soaked clear away sow the seed and then cover with the same compost finely and evenly, and then the slightest watering will suffice. They will hardly need a heavy watering before the seed is up.

Florists know generally how much of a covering of soil is needed. A balsam seed would push up through several inches of soil, but in our operations just soil enough to cover the seed out of sight is sufficient. About 50 degrees at night will suit all these seeds, and light is of no importance till they are up, when a full exposure is of the greatest importance. If you don't have these little seedlings well in the light they will immediately get drawn up and spindling, and with seedlings it is most essential that they should start right. Seeds sown the middle of this month will be in good

shape to transplant into other flats and be placed in a cold-frame or very mild hotbed by the middle of April; utilizing space economically is the great effort in greenhouse management, and it would never do to occupy much bench room with these cheap annuals.

Ivy Geraniums.

There should be no time lost now with the propagating bench. Ivy geraniums can be put in now, and if grown on in good, rich soil, will make very acceptable plants for baskets and vases. These beautiful geraniums are often inclined to flower early and profusely; if you want them to grow, which you certainly do, you should keep all buds picked off. The ivy geranium requires entirely different treatment from the zonal type. If not droopers they are trailers, and for our vase work we have to grow them on shelves, where the growths can hang down and receive fresh air; but when tied up with a couple of stakes they make a fine plant for Decoration Day and answer the desired purpose just as well as a zonal, for of the thousands of plants in pots taken to the cemeteries, there is but a small proportion expected to last more than a few days. Where a permanent summer effect is wanted, the ivy geraniums should not be planted, for they quickly go out of flower. But, again, where the roots are confined, as in a vase, they continue to bloom quite satisfactorily.

Propagating.

No part of your sand should be vacant a day now, for spring will soon be here, and the conditions for propagating many things is then less favorable. Acalypha, salvia, achyranthes, coleus, ageratum, feverfew and all the ordinary bedding plants should be multiplied as fast as possible. And don't forget lobelia and the double-flowered sweet alyssum, two of the most useful plants for veranda boxes.

Vincas, Etc.

The vinca, both variegated and the faintly striped, which I believe is Harrisoni, that were propagated in Octo-

ber, should now be soon shifted into 3 or 3½-inch pots. They will soon make shoots from the bottom, and if given the edge of a bed, where they can hang over, will make splendid plants by middle of May, and they are so convenient to use, as they are in small pots. I might add that the soil for these should be of the richest, as it is growth you want.

The Abutilon vexillarium should also be treated the same way, but a 3-inch pot is always large enough for them, and never let them get rooted into any bed, or they make a rank growth, but suffer badly when used.

WM. SCOTT.

BALTIMORE.

Club Exhibition.

The carnation show of the Gardeners' Club, February 26th, was successful, so far as heavy attendance of visitors went, as seems usual here with free shows, though the exhibits were far behind those of a year ago. But for the handsome collection of cinerarias and cyclamens brought in by Mr. E. Holden, gardener to Mrs. Robert Garrett, and the well grown group of foliage plants staged by Halliday Bros., there would have been a paucity of material. The decorative pieces of S. Feast & Sons, which gave distinction and graceful effect to the exhibition of 1899, were not replaced. Nor were the carnations up to the high water mark of the preceding year, and there were, indeed (although several exhibitors had each some good ones), no such notably well bloomed collections.

Mr. John Cook's white seedling from Mrs. Bradt was immense in size, handsome in form, well built up, and of good color and foliage. It was rated superior to any white yet shown, though H. Weber & Son's unnamed seedling was a close and promising second. This firm had also, of course, a vase of their Genevieve Lord, upright of growth, bright of color, and with perfect calyx. Isaac H. Moss showed Mrs. Bradt and White Cloud, well done, and Halliday Bros. a collection of standard sorts and good examples of their Mack Raymond, red, introduced to the public this season.

The gem of the show was a vase of Jubilee staged by Lehr Bros., which left nothing to be demanded in form, stem, brilliance of hue and fine finish. Fredk. A. Bauer entered good Daybreaks, and H. F. Michell, of Philadelphia, the new candidate for favor, Mrs. Bertram Lippincott. Some were disappointed that The Marquis and Olympia were not seen on the tables.

The varieties originated by Charles M. Wagner were exhibited by Halliday Bros; one of these is a cerise pink, 3½ to 3¾ inches; another a maroon with 3-inch flower, perfect calyx, and good, strong grower; and a striped pink or clear white, with stiff stem and good calyx.

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Ball Decoration at Madison Square Garden, New York.

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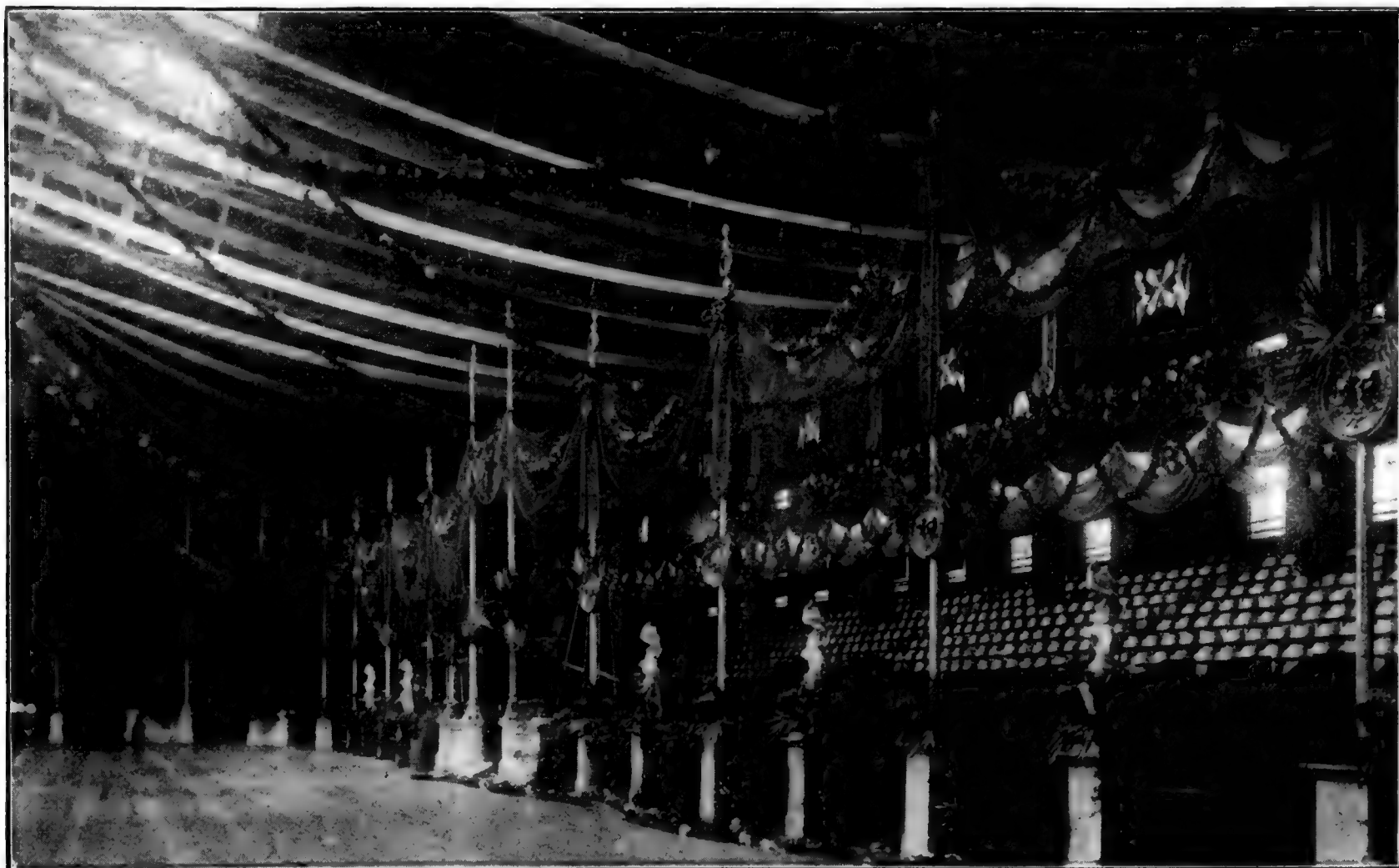
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LOWELL, MASS.

Whatever else the "Spindle" city may lack in, it has made noteworthy strides in so far as modern, up-to-date floral establishments are concerned. I doubt if any other city of its size can

boast of as many flower stores within a radius of four square blocks. However, it is quality, rather than quantity, that I wish to dwell upon briefly.

A surprise in store for the writer was a brand new flower store at No. 8 Merrimack Square, in the very heart of the business center. Messrs. Patten & Roberts are the presiding geniuses of this new establishment, having moved thither some six months ago from 293 Centre street. As they never do things by halves, it goes without saying that their new establishment is all that could be desired. An immense

prospects brighter and more encouraging. S.

PHILADELPHIA.

Up to this writing Lent has cut little or no figure with the retail florist in this city. The majority report business as exceeding their expectations. Transient trade has been very good.

Prices.

Beauties, \$1 to \$6; Brides, Maids, Golden Gates, \$5 to \$12; Meteors, Kaisers, Morgans, \$5 to \$10; Gontiers, \$5; Perles, \$4 to \$6; carnations, ordi-

would be time well spent, there being an exceptionally fine lot of roses to be seen. The following varieties are represented: Two houses of Bridesmaid, two center tables of Beauties, and four side tables of Brides. There is no question as to the quality of this stock. There are 5,000 Beauty cuttings in the sand bed, which look very promising. Half a house is devoted to Nephrolepis Bostoniensis, principally in 6 and 7-inch pots; the other half is filled up with Pandanus Veitchii, ranging from 3 to 8-inch pots, which are also very fine. He also grows lily of the valley, which he does very fine. Mr. Y. has added a vault to his establishment for keeping cut flowers.

Mr. Ed. Seidewitz, of Annapolis, Md., favored us with a visit the past week. R.

BOSTON.

The inevitable has struck us. We have "Lent" our customers to the prevailing season to a large extent. But funeral work is in good demand and we ghoulishly live upon the proceeds. Any line of goods that cannot possibly be used upon funeral occasions feels the situation most keenly, but as high colored material is not very plentiful, things are not so bad after all, and best grades of pink and white roses seem to have fewer friends than usual. Still, a few of the best are said to be bringing as high as \$2.50 per dozen, while many of the poorest change hands on a basis of \$2 per 100. Red roses are getting rather overgrown in quantity, but are good in quality, with prices wavering a little. Beauties from \$1 to \$6, Meteors from 25 cents to \$2 per dozen, and Jacks, Brunners and Liberties as yet too scarce to obtain a rating.

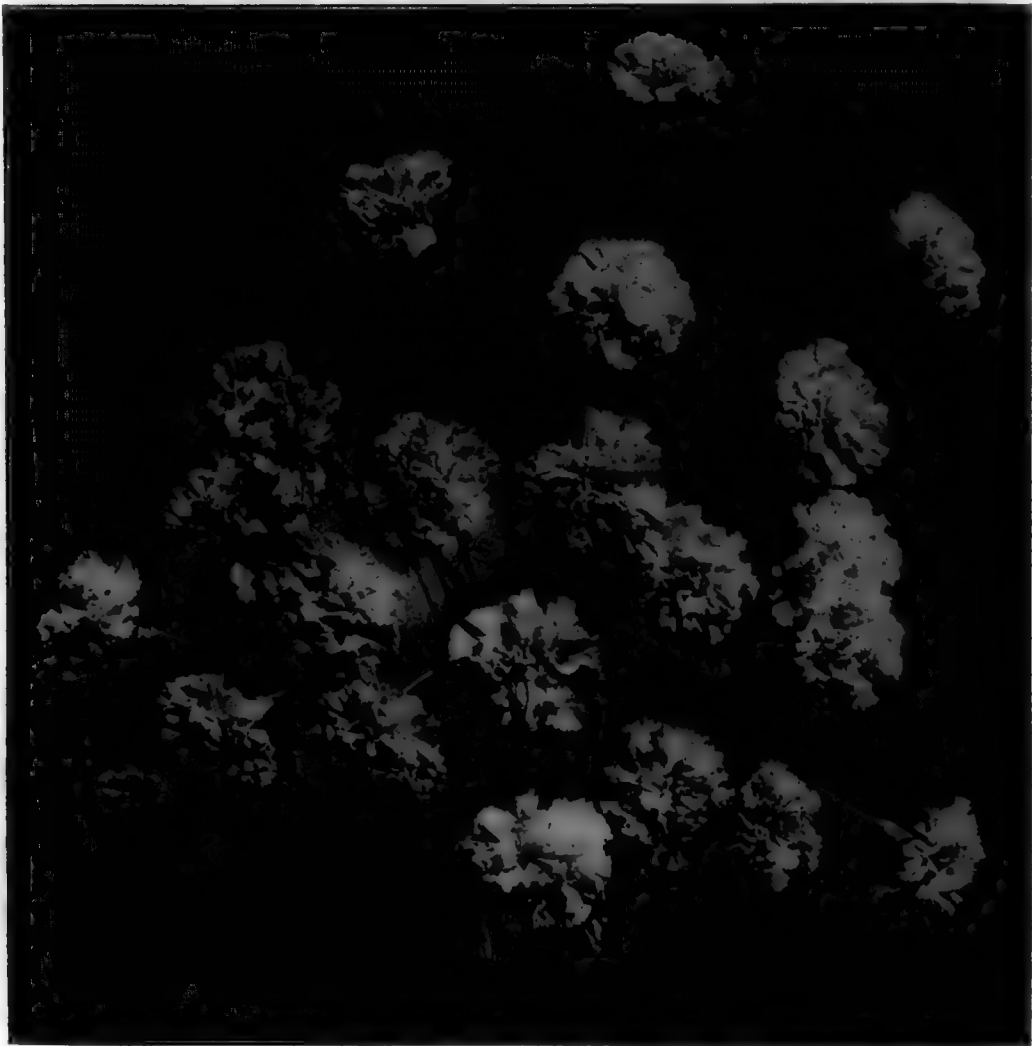
Carnations have been almost scarce, white ones really so. Prices? Oh, from 1½ to 3 cents on standard kinds and more on fancies if it could be obtained.

Bulb growers are feeling good on account of late results. Prices not high, but everything moving on fair profit. Easter lilies cropping out in all directions and selling quite well at \$2 per dozen. Violets in full supply and selling all the way from 20 to 75 cents per 100.

Naturally our trade exhibit is the most formidable subject for an item, but as I had neither time nor talent, I delegated that subject to an accommodating friend, and hereby refer to his column in this issue.

[At time of going to press nothing had been received from the accommodating friend.—Ed.]

There has been a grand changing around of the working force among the city stores lately, but it excited but little comment until news was out that E. M. Wood's head salesman, Malloy, had surrendered his position. This causes talk. He has been a power in the distribution of the millions of the Waban sheds of roses year after year and was supposed to be as much a fix-



Vase of new pink Carnation The Marquis.

window, showing an artistic display of the choicest the market affords; a magnificent ice chest, elaborate counters and fixtures, incandescent lights, and, last but not least, their cozy little office up a flight of stairs—a sort of sanctum sanctorum—all this cannot help but attract as well as invite the passer-by.

Next in order, I am informed, will be a delivery wagon, one to be fully in touch with the progressive spirit of the age as well as with the store and their span of spirited horses.

J. J. McManmon reports a decided improvement all along the line. Both his roses and carnations do well.

Whittet & Co. have opened a store at 293 Centre street, the place formerly occupied by Patten & Roberts.

Business has never been better, nor

nary, \$1 to \$2; fancies, \$3 to \$5; cypripediums, \$15; hyacinth, \$1 to \$4; valley, \$3 to \$4; narcissus, \$2 to \$4; daffodils, \$2 to \$4; sweet peas, \$2 to \$3; tulips, \$2 to \$4; mignonette, \$3 to \$4; callas, \$10; violets, single 30 to 40 cents, double 50 cents to \$1; asparagus, \$50; smilax, \$15; adiantum, \$1.

Notes.

W. L. Schaffer, of 223 North Sixteenth street, has been very busy the past week, having considerable funeral work to execute. One would wonder how he gets all this trade, being one of those side-street florists, but he gets there just the same. Mr. S. is a man of push and ambition, which undoubtedly accounts for his success.

A visit to Jno. W. Young's establishment on Frank and Wayne streets



House of new pink Carnation The Marquis.

ture as one of the huge boilers on the place. Doctors disagree as to the most frightful way to exterminate mankind, Boer generals as to the best methods of "kopjering" General Roberts on the veldt, or in the donga, but this is supposed to be the first case on record where a disagreement might exist between employer and employe in the florist business. But it looks that way.

While Mr. James Quinn, one of our best known, best liked and most respected florists, was in the Park street market Monday morning, word came to him of the sudden death of his wife, who has been ill a short time. While but few of us had the pleasure of her acquaintance, she had the assured reputation of a most estimable woman in every way. Her rare business qualities also made her of much assistance in Mr. Quinn's extensive retail trade in Brookline.

Much sympathy is expressed for the family in its affliction. B. T.

CARNATION THE MARQUIS.

We present herewith an engraving from a recent photograph of a house of this new pink carnation at the establishment of the originator, Mr. L. E. Marquisee, Syracuse, N. Y. It is certainly a very interesting picture, and the large number of buds indicates that the variety must be a very free producer. That the blooms rank with the best there is no doubt in the minds of those who have seen the splendid flowers exhibited.

We also present an engraving of a vase of blooms from a recent photograph.

ST. LOUIS.

The Market.

The cut flower market shows no sign of decline and trade has been running just about as usual, with business good and prices regular. Flowers are none too plentiful, except violets. Carnations are not increasing in quantity, but roses are coming in more freely.

Prices the past week were about the same as week before. Today (Monday) good roses bring from \$5 to \$8 per 100; for extra grades, \$10 is being asked. Perles and Woottons, \$4 to \$5. Last week Kuehn received a batch of the old Papa Gontier, very finely grown and high in color, which puzzled some of the growers. On being asked if they could name it, some said it resembles the old Bennett; others wondered if it could be the new Liberty. It was hard to make them believe it was the old Gontier, as none has been seen in this market since '94. Beauties are still scarce and first-class stock is out of the question; \$3 to \$6 per dozen is asked for those coming in.

Carnations hold up remarkably well and are bringing good prices; \$2 is asked for the common ones and \$3 and \$4 for fancy stuff, and not half enough comes in to supply the demand. Violets are selling cheaply; Californias, \$2 per 1,000, 30 cents per 100; small

single and southern stock, 10 cents per 100, and hard to sell at that. Bulb stock is in fair demand, owing to scarcity of other stock. Harrisii still holds at \$12.50 and callas at \$10; daffs, Dutch hyacinth, paper whites and Romans bring 2 and 3 cents; freesias, the best, sell at \$2; tulips are very fine at \$4; smilax still holds at \$12.50, but sells slowly, with plenty of it on hand.

Various Notes.

The weather the past week has been very bad. Tuesday night a great rain, sleet and snow storm set in, causing much damage to fruit and shade trees, especially in the city parks and Shaw's Garden. The damage can hardly be estimated and will take years of labor to replace.

Wm. Schray, who was reported sick, is well again, and John Young, who was also on the sick list, is now O. K., and reports that hereafter he will be on hand every Monday.

Riessen Floral Co., on Broadway, report an excellent business since the first of the year, with plenty of orders ahead even during Lent.

The West End florists, Weber, Walbart, Mrs. Ayers, Miss Newman and Miss Ostertag, say business has kept up remarkably well since the first of the year.

More interest will have to be shown in our bowling club. This is the first time since we organized, in May, 1893, that the boys have failed to bowl regularly. It used to be twelve regulars

every Monday night; now it's only five. No other florists' bowling club has such a record. We never failed to bowl once a week during the past seven years, but rolled at only three conventions. At home we came in third (good enough for greenhorns); at Omaha we won the cup and the championship, and at Detroit came in second, a record to be proud of. We must regain at New York this summer what we lost in Detroit. A full attendance is requested, as only twenty-three more bowling nights are left for practice.

Bowling.

The bowling club on Monday night had a very slim attendance. Only three dyed-in-the-wool cranks braved the rain storm and rolled five games. The scores are as follows:

	1	2	3	4	5	Tot.	Av.
C. A. Kuehn.....	183	150	169	130	188	820	164
J. J. Beneke.....	146	198	134	144	141	763	153
Fred C. Weber.....	128	116	167	106	...	517	129

Your correspondent received a letter this (Tuesday) morning from Mr. A. Henderson, secretary of the Chicago Florists' Bowling Club, inviting the St. Louis Florists' Bowling Club to visit them in the near future and play a match game, which will be acted upon next Monday, our regular bowling night, and no doubt the boys will gladly accept the challenge. So look out for us.

The February series of twenty games ended with Charlie Kuehn as our champion, with an average of 152 in twenty games, and Fred C. Weber as high single score man, with 211. Beneke came in second to Kuehn with 147 average in twenty games and second to Weber with 209. The averages are as follows:

Names.	No.	G.	Tot.	Av.	H.	S.
C. A. Kuehn.....	20		3047	152		184
J. J. Beneke.....	20		2934	147		209
J. W. Kunz.....	19		2740	145		185
C. C. Sanders.....	20		2807	140		182
F. C. Weber.....	18		2494	139		211
Emil Schray	7		930	133		166
F. J. Fillmore.....	3		341	114		117

J. J. B.

CHICAGO.

Club Meeting.

At the meeting of the Florists' Club last Friday evening there was a good attendance and four new members were added to the roll. A few changes were made in the by-laws and the secretary instructed to have them printed and mail a copy to each member. It was decided to invite the S. A. F. to hold its annual convention in this city in 1901. A committee consisting of G. L. Grant, W. Kreitling and W. N. Rudd was appointed to arrange for transportation to the convention at New York next August.

Mr. C. J. Stromback, of Lincoln Park, announced that he expected to display at the next meeting flowers from the Washington grown bulbs that had been sent him for trial. They were doing better than he had anticipated and thought the members would

find them very interesting. It was decided to make "Bulbs" the subject for the next meeting and to invite short papers on the subject from a number of well known growers, it being believed that a very useful and instructive discussion would result.

The Market.

Business has kept up remarkably well since Lent began, and though demand has fallen off somewhat, the dark weather has cut the supply in proportion, and the relation between the two is about the same as last week, with no appreciable change in prices. The call for white stock is noticeably strong and whenever there is a slight surplus it is generally in color. Good bulbous flowers are moving fairly well, but there are large quantities of inferior tulips and daffodils on the market that are cleaned up at "any old price."

Violets go slowly and will no doubt continue to hang until bright weather arrives. The Grand Rapids train due here at 7:15 a. m. Tuesday was reported stuck in a snow bank and hadn't arrived at a late hour in the afternoon.

We hear of considerable snow on the glass at some large establishments, which has materially darkened the houses. And as a result a good many split calyces on carnations. Varieties that never split before have done so during recent weather conditions. Dark houses and a close atmosphere seems to make the best of them split.

The season so far has been a very satisfactory one to the majority of the growers and dealers. During the twenty days preceding Lent the business done was enormous and far in excess of previous seasons, and the average returns on consignments were better than ever before at the season. There were no real gluts at any time and under-grade stuff had a much better chance than usual.

Various Items.

Wednesday morning of last week fire destroyed a shed and burned away the ends of three greenhouses at the establishment of Brant & Noe, at Forest Glen. The fire was quickly controlled and the loss was comparatively light. The ends of the houses were soon tightly closed with boards and builders' paper, and there was no trouble in maintaining desired temperature in the houses, as the plant is equipped with both steam and hot water heating apparatus. The loss on buildings was covered by insurance. There was some damage done to the plants in two houses, and, of course, this was not covered. The cause of the blaze is not known. It did not start from the heating system.

Mr. G. H. Pleser is back at his post at Kennicott Bros. Co., and deals in money now instead of justice.

Mr. Wm. Falconer, superintendent of Schenley Park, Pittsburg, spent last Thursday in the city. He was on his way home from his trip to California.

McKellar & Winterson are displaying an unusually fine lot of tuberose and caladium bulbs.

Mr. C. L. Washburn is suffering from an attack of grippe, and will leave Friday of this week for a two weeks' stay at West Baden, Ind.

E. H. Hunt is receiving some remarkably fine Brides and Maids.

NEW YORK.

Business? Well, dear reader, if we were to take heed of everyone's definition or description of business just at present, we'd write a polyglot of contradictions. People seldom know when they are well off, or perhaps it's a growing pain 'mong florists to complain. There is one thing, however, indisputable—that the florist of today has less cause to grumble than those of other years. If the trade papers would sometime publish all they hear or know, what a condition affairs would be in; it's more difficult to forget things than to write them down.

Our New York letters may be short in comparison to the importance and size of our city, but really, Mr. Editor, we have so many small things here, and so much foolishness, that it's hard to select things the same as they do in Buffalo, Hoboken, St. Louis and San Francisco; the only diversion we have is an occasional bowling match. We have no "Immortals" or home-like club houses, same as our suburbs, Boston and Philadelphia, and what does it matter if a Greek opens a flower stand on the corner of such a street; who cares?

Yes, to be sure we will have something here in the way of a rose show this month, and our friend, the Florists' Exchange, becomes alarmed because the New York Gardeners' Society wishes to have a carnation show at the same time. This city is big enough for a dozen shows; it's only the men and the circumstances that are at fault. In this present case the officers of the Rose Society not only wanted the carnation show, but also promised to give some prizes for carnations; all this was afterwards taken back. Now, notwithstanding this action of the Rose Society, no one wants to interfere with any possible success. The executive committee of the Gardeners' Society is urging all gardeners to exhibit at this rose show, and in order to make it worth many men's while to walk five miles across mountains and travel hundreds of miles on railroads they have arranged that the quarterly meeting and social gathering and carnation show of the Gardeners' Society will be held on the 27th of March. There is no thought of opposition; there can be none in this case; it's a matter of economy, so don't get alarmed. The Gardeners' Society have never received much encouragement from our contemporary; it can afford to treat the ambitions of its special agents differently.

Now, a word to growers. Most of

you have worked hard to produce fine stock for Easter; you have succeeded; you depend on it for coal bills, etc., etc., etc.; then be careful whom you sell it to, and at what price. The man who has good plants need not give them away, nor yet sell them to those who never intend to pay for them; be a little careful, protect yourself as well as the honest retailer; look out for the "mushroom florist."

It's a funny thing gets into one's ear betimes. We have free lectures here in the public schools and they are under the jurisdiction of the Board of Education. Well, last week we attended one and the learned professor showed a picture of Strelitzia Reginae and told his audience that it was a "Tiger lily." Now, what we want to know from School Commissioners Schultheis and Rath, who have the greater honor to be florists in these parts, if this is the kind of education to give New York?

The New York bowlers have not yet recovered from the effects of their recent victory at Flatbush. The latest sayings are that the "Juniors" will be sent to tackle the Flatbushers next. Won't Philadelphia please come and settle the matter? Scores last night were:

L. Hafner	186	168	137
W. Siebrecht	126	125	126
W. Marshall	117	117	167
A. Shaw	115	117	137
G. Moody	141	124	146
P. O'Mara	154	146	202
T. Lang	171	142	163
J. Manda	190	142	129
A. Burns	182	177	137
J. Donlan	115	110	100

Hafner, O'Mara, Lang, Burns and a few others would like to hear from those who imagine things. J. I. D.

SAN FRANCISCO.

Market Conditions.

Business and prices much the same as last week. The weather continues fine and crops of all kinds look well so far. The chrysanthemum and violet growers are busy just now making new plantations, and the weather at present suits such work. The acreage will be larger than last year.

Prices: American Beauties, \$1 to \$4 per dozen; Brides, Bridesmaids, and Testouts, 75 cents to \$1; Meteors, 50 to 75 cents; Cecil Brunners, 12½ cents per dozen. Carnations, Hobart \$1, Crocker 75 cents, Hill and mixed fancy 50 cents, Bradt and Gold Nugget 35 cents, Scott 25 cents, Portia 20 cents. Violets, Princess of Wales 50 cents to \$1, Californias 40 to 50 cents, doubles 50 cents. Harrisii, \$2 to \$3 per dozen. Valley, 30 to 35 cents; Daffodils, \$1 per 100. Tulips, 75 cents per 100.

Various Notes.

J. J. Williams, of Oakland, is now head gardener at the Masonic Home, Decoto, Cal. The grounds contain 200 acres and has its own water supply.

Mr. J. Nelson, lately with the Mountain View Cemetery Association, will

go into partnership with H. Morse, Blair's Nursery, Oakland, Cal.

Mr. Thomas Sheppard, of Piedmont, Oakland, is bringing in some very good outside Homer roses. He says they sell. Well, perhaps they do; but I am inclined to think he brings Homer than he can sell.

Mr. N. Symnacopolus, our Broadway florist, has fitted up a snug little room at the back end of his store, and for many days his brother florists have been wondering what it all meant. Some declared he was going to bunk in the store; others said he had a safe in it. So, to settle the dispute, I called in one evening this week and found Mr. S. making a terrible noise on a twenty-dollar piano. Mr. S. is said to be a crank on music. I believe it. It was the crankiest music I ever heard. What a pity the piano don't have a crank. However, the instrument will be useful when he finds the cash register empty; he can ring up a few notes on the piano.

E. Gill, Oakland, Cal., reports business good with him this year. Many large orders for trees and roses keep him very busy.

Lacazettes & Co., on Fourteenth street, Oakland, Cal., report their first month in business as very satisfactory and beyond their expectations.

J. N.

FLATBUSH, N. Y.

The unexpected has again happened; the New York beat the Flatbush team on their own alleys. The last of the series of games in the bowling tournament between the New York, Flatbush and North Hudson florists' bowling teams took place on the Flatbush alleys March 1st. Over fifty were in attendance, and every possible contrivance was adopted to encourage the bowlers. So much was this so that many became nervous and no amount of logic appeared to be able to upset the stubborn headpins. The excitement and overanxiety of the occasion seemed to have played havoc with many of the best bowlers. These gentlemen will of course know better next time. Determination to win seemed to have spurred the New Yorks; the Flatbushers became thoroughly demoralized and even allowed the Jerseyites to beat them by two pins.

Those who had the good fortune to be present will remember it for many a day. Whatever there may have been attached to the games played elsewhere, the affair at Flatbush was certainly the most enjoyable of all. The generosity of the "boys" here is known far and near, and when the whole crowd was taken to the Prospect Park Hotel to dinner, even the victors felt somewhat ashamed of their victory. We wish continental writers could have been at this social gathering, if only to hear Germans singing "The Marseillaise," and the French reciprocating by giving the "Watch on the Rhine."

Charles Zeller opened the short talks, and he, with Captains Traendly, Dailedouze and Brown, hoped they would see many more such gatherings. Butterfield sang "Sally in Our Alley," Stewart sang "Annie Laurie," Schmutz made a stump speech in Gaelic, Raynor was too full for utterance, Donlan spouted for "The Press," Hafner got hysterical from laughing, and so on. All thoroughly enjoyed themselves, and gave three cheers for the Flatbush Club. Following are the scores:

NEW YORK.

F. Traendly	124	128
P. O'Mara	142	136
L. Hafner	123	166
J. Manda	110	151
T. Roehrs	145	159
T. Lang	163	166
	897	906

FLATBUSH.

P. Riley	164	155
J. Raynor	136	84
L. Schmutz	141	119
W. Prosser	118	112
A. Zeller	109	152
E. Dailedouze	150	124
	818	746

HUDSON COUNTY.

M. Hansen	132	143
G. Kogge	111	120
P. Fischer	131	128
W. Hillebrecht	122	121
L. Hansen	121	96
G. Brown	121	140
	738	748

New York won the tournament, Flatbush taking second and Hudson County third place. When the games were decided and dinner was over, the whole party tried to beat their records, but the scores made are too incredible and we'll leave them out for peace's sake. D.

MAMARONECK, N. Y.

'Twill do anybody good to visit William Anderson at Mr. Constable's place here, because there's always something good in the way of flowers to be seen there. Mr. Anderson's antirrhinums are very grand; he has saved the seed for years and the strain is distinct and perfect. Some fine wisterias will be in bloom for Easter, and there is an immense variety of flowers for cutting, such as Canterbury Bells, sweet peas, myosotis, ranunculus, flowering shrubs and bulbous stock. Mr. Anderson's house of grafted Bridesmaid and Bride roses are very fine; he had poor results from those on own roots. His house of carnations is in splendid condition.

Thorwald Jensen has been having great luck with his violets. His extensive establishment is well worth visiting. He is at present sending on an average 26,000 Lady Campbell violets to the New York market every week and could send many more. The violet grower who is fast becoming gray headed pondering over the mysteries of successful violet culture would do well to see these houses; they are a sight; there are no theories employed, just common sense, systematically dispensed.

Mrs. Jensen is an expert on bunch-

ing; we never saw better or quicker work done; the flowers are counted and roughly tied in fifties by the picker; afterwards rebunched and single violet leaves are used for foliage. We wonder who has the record for quick gathering and bunching; here they calculate that one person can do over 1,500 a day.

The single violet, Princess of Wales, growing here, is very fine; the flowers are as large as small pansies and the stems a foot long. The California looks insignificant alongside of them. It is by far the best of all single violets.

Several hundred thousand Freesias are growing here; Mr. Jensen has been cutting freesia flowers since Dec. 16th. Daybreak is the only carnation grown and they have given much satisfaction. Immense quantities of lilac are being forced, and violet plants for Easter will be in good condition. D.

DENVER, COLO.

One notable feature in February was the lecture given to residents of Denver by Landscape Gardener Samuel Parsons, Jr., of New York. A number of prominent people and professionals were present. The subject was "American Landscape Gardening and Beautifying of Homes," and was well handled by Mr. Parsons to the satisfaction of all, except the professionals, who expected to hear of something more extraordinary in that line. The western nurserymen should send him a vote of thanks for aiding them in creating a demand for shrubs and low trees; the florist and tree trimmer, however, was not benefited thereby.

It is not my object to criticize the lecturer, but climatic conditions often change a man's notions, and the tastes, surroundings and experiences are so varied that it is impossible to suit everybody by imitating nature, especially when it is at the cost of comfort and convenience of the people with whom we have to deal.

The Swiss, German and French styles of landscape gardening all have their beauties, and the last named will surpass any for convenience and comfort, especially in smaller parks in cities, and it is more suitable to the surrounding architecture.

It is very true many Colorado people trim their trees too much; there are reasons for it, which Mr. Parsons has not had time to study or experience. One of these reasons why Colorado people trim their trees is the high winds, and to leave the trees in their natural shape would often mean disaster within a few years. Another reason, which Mr. Parsons has not considered, is that all trees which, when transplanted, were improperly pruned or cut squarely off, have not their natural shape, and after a time look more or less dilapidated, and they will not stand a heavy snow, while the leaves are on, without splitting to pieces.

The crippling of trees is not done by tree trimmers, but by tree butchers.

By imitating nature around the city residences one may make a very fine picture, and it has long been advocated, but whether it will fill the pockets of the florists is another question, and it is a good thing that different people have different tastes, which was clearly shown by the smiles of the audience when Mr. Parsons preferred the cottonwood, which has long been condemned here, to the maple, which is the most beloved and cleanest shade tree in the west.

A continuous row of trees on each side of a walk does not make a good landscape, but the people at large find more comfort walking in the shade than by looking at a fine landscape in the broiling hot sun, and it looks very queer, but we cannot help sticking to the English style, which has nearly crowded the French out of existence. Of course, the florist will stick to the flower beds every time, and will let the next generation imitate nature as they please. F. A. HAENSELMAN.

WASHINGTON.

Since the beginning of Lent business has taken a tumble. Dinners and luncheons of all kinds have stopped, but, owing to scarcity of good stock, prices keep up to the standard, with the exception of bulbous stock and violets.

Prices: La France, 10 to 12½ cents; Gates and Meteors, 8 to 10 cents; Maids and Brides, 6 to 8 cents; Perles, 6 cents; tulips, 1 to 4 cents; jonquils, 2 to 3 cents; Romans, 1 cent; valley, 4 cents; carnations, 1½ to 3 cents; smilax, 20 cents; asparagus, 50 to 75 cents.

One of the most brilliant occasions of the season was the marriage of the daughter of the British ambassador, which took place last week. The handsome decorations at St. John's Church were executed by J. L. Loose, and those at the residence were arranged by Shine & Davidson.

Our ex-president, W. F. Gude, was presented on Valentine eve with a handsome valentine in the shape of a bouncing baby boy, which makes No. 3. Keep it up, Will.

Holland has been well represented during the past week.

Wm. Crawford, of the Grant Place Flower Store, reports business good.

F. H. KRAMER.

CINDERS FOR DRAINAGE.

Subscriber asks for information about cinders for drainage for rose bed.

I have a solid middle rose bed. In June, 1898, I removed part of the filling and put in 6 or 8 inches of coke cinders or ashes and gave them a thorough watering. I then put on 6 inches of rose soil and planted the roses the first of July; strong, thrifty plants from 3-inch pots. They started right on growing fine, and on August 1st were staked with galvanized wire

stakes that were pushed through the cinders into the earth below.

About two weeks after staking two or three plants wilted and in a day or so dried up. This went on for a few days and it began to look desperate, when I saw that the soil on the surface around each dead plant was covered with rust. The sulphur in the coke cinders was destroying the stakes and this sulphur action on the stakes in turn was killing the roses.

I at once removed all the stakes and replanted the bed where plants were missing, and the trouble stopped as suddenly as it began.

I did not have quite enough coke cinders and filled in about 15 feet with cinders from the furnace without screening, in which the stakes were left. The line was very distinct where the coke and furnace cinders joined.

I traced some of the roots into the cinders and found them in a healthy condition. So I feel sure that the coal sulphur acted on the galvanized stakes and generated the poison that killed the plants. I have used the coke cinders in rose pots for drainage without injury to the plants.

Connellsville, Pa. P. R. DE MUTH.

NOTES BY THE WAY.

BUFFALO, N. Y.—Wm. Scott is making a big display of carnations from Corfu. Red Jacket and White Cloud are immense; so are Marie Louise violets.

ROCHESTER, N. Y.—A fine bed of myosotis may be seen at J. B. Keller's Sons. A very useful flower; it takes up very little space, being usually grown along the edge of the bench where a path is least used. Chatterton Warburton, of Fall River, grows a large quantity in this manner.

HORNELLVILLE, N. Y.—W. A. Wettlin has a healthy young stock for spring sales. Carnations have not flowered so good as usual, while the demand has been ahead of any previous season.

LANCASTER, N. Y.—Those of the convention crowd who visited the plant of W. J. Palmer & Son were well rewarded for making the trip. The sight of Daybreak was one to be long remembered. Although the day's picking had been done and the Buffalo store was supplied with the best blooms, even the casual observer could not fail to be impressed with the enormous crops that these plants must yield.

MONTREAL, QUE.—S. S. Bain was the first Canadian to invest in the new ageratum Stella Gurney. Mr. Bain sees a bright future for this acquisition. M.

SYRACUSE, N. Y.—The Central New York Horticultural Society listened to an interesting lecture on "Nature Study" by Mary Rogers Miller on February 27.



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Rooted Cuttings. Verbenas, 40 named kinds, all the best, 60c per 100; \$5.00 per 1000. Petunias, 30 varieties, dbl., all good named varieties, \$1.25 per 100. Heliotrope, 15 named var., \$1 per 100. Coleus, 30 named var., 70c per 100; \$6 per 1000. Ageratum, 3 var., including P. Pauline, 70c per 100. Alyssum, dbl., \$1 per 100. Lantanas, 4 var., \$1.25 per 100. Salvias, 3 var., \$1 per 100. Fuchsias, in var., \$1.50 per 100. All cuttings guaranteed. Express prepaid. Cash with order. Write **S. D. BRANT, Clay Center, Kas.**
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Mammoth Verbenas, large rooted plants, 60c per 100, \$4.50 per 1000. Cyclamen, 3-in., \$5 per 100; in bud and bloom, 4-in., \$1.25 per doz. Stocks, white or mixed, double, 2-in., \$1.50 per 100.

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Early orders get the best stock.	Per 100
Mrs. Thos. W. Lawson	\$14.00
Ethel Crocker, pink	10.00
Olympia, variegated	12.00
The Marquis, pink	10.00
Genevieve Lord, pink	10.00
G. H. Crane, scarlet	5.00
America, scarlet	4.00
Melba, light pink	3.00
Mrs. G. Bradt, variegated	3.00
Glacier, white, fine	3.00
Maud Adams, dark pink	3.00
Gomez, dark red	4.00
Mrs. F. Joost, pink	2.50
Gold Nugget, yellow	3.00
Argyle, pink, fine	1.50
Triumph, pink	1.50
Daybreak, shell pink	1.00
Empress, dark red	1.00
Flora Hill, white	1.25
White Cloud, white	2.50
Mary Wood, white, fine	3.00
Jubilee, scarlet	1.50
Psyche, variegated	1.00
Gen. Maceo	4.00
Armazindy	1.50

12 cuttings at 100 rate.

All Cuttings Warranted A1.

	Per 100
Clara Bedman Salvia	\$2.00
Geranium De Roo Mitting 2 1/4-inch	7.00
Geranium Double Snow Drop	7.00
Geranium Mme. Sallerol	2.00
New Yellow Baby Primrose	7.00
22 Coleus, fine, named, new	4.00
20 Standard Coleus, named	1.50
90 Double Petunias, mixed	2.00
Primula Obconica, 3 1/4-inch	2.50
Primula Obconica, 2 1/4-inch	2.00
Primula, Chinese, 2 1/4-inch	1.00
Primula Chinese, in bud and bloom, 3 1/4-in.	2.50
Primula, from flats, strong	.50
Velvet Plant	2.00
15 Begonias, flowering, named, 2 1/4-inch	1.50
Forget-Me-Not, winter flowering, 2 1/4-inch	1.50
Iresines, 2 varieties, red and yellow, 2 1/4-inch	1.50
Cannas, large flowering, mixed	1.00
Mesembryanthemum Erectum, 2 1/4-inch	1.50
California Moss; Lycopodium Dent; Alternanthera, 4 varieties; Feverfew, Little Gem; Feverfew, yellow foliage; Dusty Miller; Cigar Plant, all 2 1/4-inch	1.50
Vinca, variegated, trailing	2.00
Ferns, mixed, our selection, 2 1/4-inch	5.00
Lobelia, Crystal Palace Gem	1.50
Five plants at 100 rates. All our Plants are in A1 condition.	

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NORWAY MAPLES
1000, 8 to 10 feet.
500, 6 to 7 "
100, 1 to 2 "

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500, 2 to 3 feet.

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THE "OLD RELIABLE" FOR

**Wholesale
Cut Flowers**

Hunt's Flowers Go Everywhere.

76 Wabash Ave. CHICAGO.

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NEWARK, OHIO.

Geo. L. Miller regrets having missed the opportunity of seeing "the grandest display of carnations" at the recent exhibit in Buffalo. Too bad, but another opportunity, George, will present itself in February, 1901, in Baltimore, "Maryland, My Maryland." Don't miss that!

There is still another opportunity—on Saturday, the 10th inst., at Cincinnati. Come ye all to the Queen City; it will be worth your while!

The two new houses, one 130x30 and the other one 100x12, built during the late fall, are stocked with as fine a lot of carnations as I beheld during my recent travels. The coming spring will see many other improvements about Miller's establishment. Besides building an additional carnation house of respectable size, Mr. Miller intends to extend six of his houses about ten feet each; he will also equip an office, which will adjoin a fine conservatory.

Mr. Miller reports trade good all along the line, his retail, wholesale and mailing business having surpassed his most sanguine expectations. S.

WASHINGTON.

At the Bromley-Pauncetote wedding the bride's bouquet was a large cluster of valley, with shower of white orchids, tied with sash of chiffon lace new open worked fancy satin ribbon. The four bridesmaids carried violet bunches tied with the same effects in violet color.

The church chancel was overshadowed by immense arecas eighteen feet high, their base being banked with white rhododendrons. The railing was entirely hidden by growing lilacs. On each side of the aisle stood a row of standard lilacs six feet high; these were covered with garland sashes and huge rosettes.

The above were supplied by J. Louis Loose. D.

BRANCHPORT, N. J.—H. Hulick, formerly of Eatontown, has moved his establishment and business to the property he recently purchased here, and will build a range of houses this summer.

**McKELLAR & WINTERSON'S
Modern Supply House**

is the place to buy your CUT FLOWERS, SUPPLIES, SEEDS, etc. MASSACHUSETTS FANCY FERNS, per M, \$1.25; per 5 M lots, \$5. Now Ready....CARNATION CUTTINGS, VIOLET PLANTS, FORCING ROSES, YOUNG STOCK OF ALL KINDS.

WESTERN AGENTS FOR

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Bassett & Washburn**76 Wabash Ave., CHICAGO, ILL.**Wholesale Growers of and Dealers in **CUT FLOWERS**

Greenhouses at Hinsdale, Ill.

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J. A. BUDLONG,**37-39 Randolph St., CHICAGO, ILL.**

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Growers of CUT FLOWERS at Wholesale.

Regular shipping orders given special attention. We have the largest plant west of Chicago.

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Cut Flowers and Florists' Supplies.

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FLORISTS**3134 Olive Street, ST. LOUIS, MO.**

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FRANK W. BALL.**416 Walnut St. CINCINNATI, O. Wholesale Florists**Consignments Solicited.
Special Attention Given to Shipping Orders
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Is an ideal standard of excellence the world over.
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WALTER S. HEFFRON, Mgr.

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COLEUS, twenty best named vars., including C. Verschaffeltii and Golden Bedder, all money makers. R. Cuttings, 70c per 100; \$6.00 per 1000.
AGERATUM, Cope's Pet. blue; Lady Isabel, white; 60 cts. per 100; \$5.00 per 1000.

CARNATIONS -- Rooted Cuttings.

Flora Hill—\$1.50 per 100; \$14.00 per 1000.
Lizzie McGowan—\$1.00 per 100; \$9.00 per 1000.
Wm. Scott—\$1.00 per 100; \$9.00 per 1000.
Daybreak—\$1.50 per 100; \$12.00 per 1000.

We pay the express on all Rooted Cuttings. Our guarantee goes with everything we send out.

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ESTABLISHED 1802

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Choice Flower Seeds for Florists

is now ready. A post-card will bring it to you.

We have still on hand some of our
LILY OF THE VALLEY PIPS,
The Finest that come to this Country.
Per 1000, \$10.00. Cases of 3000 at \$9.00 per 1000

J.M.THORBURN & CO.

(Late of 15 John Street)

36 CORTLANDT STREET, NEW YORK

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300,000 VERBENAS....

60 finest named varieties, including our new mammoth white, Mrs. McKinley, the finest white Verbena grown.

PERFECTLY HEALTHY. FREE FROM RUST.

Rooted Cuttings 6 c per 100, \$5.00 per 1000.

Plants \$2.50 per 100, \$20.00 per 1000.

Our list is the choice from millions of seedlings. Send for list.

J. L. DILLON, Bloomsburg, Pa.

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HARDY HERBACEOUS PLANTS ONLY.

In any quantity for the least money.

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DIRECT FROM GROWER.

1½ to 2 inches diameter, \$1 per 100.

2 to 3 inches diameter, \$2 per 100.

3 to 4 inches and over in diameter, \$3.75 per 100.

B. H. RITTE, Port Royal, S. C.

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Esculentum

...SPECIAL... ROOTED CUTTINGS.

**Choicest Varieties. Lowest Prices.
Finest Stock.**

50,000 Carnations, standards, \$7.50 per 1000. Descriptive list, 25 choicest up-to-date varieties.

50,000 Roses, standards, \$12.50 per 1000.

50,000 Verbenas, 20th Century collection. 32 Grand Mammoth varieties, the cream of all the latest and choicest up-to-date, 60c per 100, \$5.00 per 1000. Strong, 2-in., \$2.00 per 100, \$18.00 per 1000; full of Cuttings, elegant stuff.

50,000 Dble. Fringed Petunias, Henderson's and Dreer's latest sorts. We all know that they lead the world. \$1.00 per 100, \$8.00 per 1000. Strong, 2-in., \$2.00 per 100, \$18.00 per 1000.

Alyssum, strong 2-inch, 2 cents.

Geraniums, sweet scented, strong 2½-inch, 2½ cents; strong 2-inch, 2 cents. Mme. Ballerol, strong 2-inch, 2½ cents.

Ageratum, Princess Pauline, the only one to grow, \$1.00 per 100. Extra strong, 2½-inch, full of Cuttings, \$2.50 per 100.

Salvia Splendens, no other so good, \$1.00 per 100. Extra strong, 2½ inch, \$2.00 per 100.

Fuchsias, best sorts, \$1.50 per 100. Vinca Major, \$1.00 per 100.

Smilax, strong 2½-inch, \$1.50 per 100; 2-inch, \$1.00 per 100; \$8.00 per 1000.

Lobelia, (trailing) indispensable for baskets, etc., strong, 2-inch, \$2.00; strong rooted cuttings, \$1.00 per 100.

Heliotrope, the choicest blue and white, rooted cuttings, \$1.00 per 100.

Coleus choicest varieties, rooted cuttings, 75 cents per 100.

Our wholesale descriptive list of Specialties mailed on application. Terms, strictly cash with order. Small packages by mail.

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Good Plants by express, \$2.50 per 500; \$4.00 per 1000. Seed as usual.

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ROSES. To Clean Out, for Room

\$3.00 per 100; \$25.00 per 1000.

Bride, Bridesmaid, C. Souper, Etoile de Lyon, Climbing Meteor, Papa Gontier.

GERANIUMS—John Doyle and Heteranthus \$3.00 per 100. Cash with order, please.

JOSEPH LAHR & SONS, Springfield, Ohio.

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Long Distance Telephone.

JOHN WELSH YOUNG,

WHOLESALE GROWER OF

Pandanus Veitchii and Boston Fern

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Upsal Station.

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Penna. R. R.

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American Beauties and Valley Our Specialties. 1612-14-16-18 Ludlow St., Philadelphia, Pa.
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COLLEGE POINT, N. Y.

If you are looking for extra fine flowering plants for Easter go and visit School Commissioner Anton Schultheis at College Point. His houses of pot roses are simply grand; not mere carelessly grown stock, but splendidly trained specimens. We never saw better Crimson, White, Yellow and Pink Ramblers; they are in all designs, and besides these there are houses of Moss roses, Baroness Rothschild, Brunners and several other fine sorts in nice size boxes and in good condition. Several beautiful new ericas are being introduced to the American public from here, and there are immense quantities of specimen plants of Ericas Cavendishii, cupressiana, translucens and many other sorts in prime shape for Easter.

A house of about 5,000 Japanese longiflorum cannot be surpassed. Then there are azaleas, lilacs and a host of other varieties of suitable flowering stock. Several very promising seedling carnations are to be seen here; one of a deep pink color measured over 3½ inches; another fine illuminated pink after the form of Lawson is highly scented and a good keeper.

Mr. Schultheis besides being a Greater New York school commissioner occupies many positions of trust at College Point, but his success as a plant grower and his extensive place speaks best.

BEGONIA CALEDONIA.

A pure white flowered variety of Begonia Gloire de Lorraine is offered by Mr. John Forbes, Hawick, Scotland. It is said to be identical with Gloire de Lorraine in every respect except color of the flower.

Mr. Forbes also offers a dwarf form of Gloire de Lorraine under the name "Nana compacta." Both of these are sports from the type, and as we hear of other sports from this begonia we may soon have quite a number of varieties of this important new begonia.

AMERICAN ROSE SOCIETY.

The annual meeting of the above society will be held in the Fifth Avenue Hotel, New York, at 2 p. m., March 28. Officers for 1901 will be elected and other important business will be transacted. A paper on "Some Diseases of the Rose" will be read by Prof. Byron D. Halsted, New Brunswick, N. J. Any further information desired may be obtained by addressing Leonard Barron, Sec'y, 136 Liberty St., New York.

PITTSBURG CUT FLOWER CO., Ltd. WHOLESALE FLORISTS.

Long Distance
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Asparagus Plumosus

Cut Strings
8 feet long.
50c per string.

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Shipped
to any part
of the country.

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Jersey Wakefield and other varieties, from cold frame transplanted, 25c per 100; \$1.50 per 1000; \$12.50 per 10,000, if by mail, add 20c per 100.

LETTUCE, Boston Market, Tennis Ball, Curled Simpson, Grand Rapids and other varieties, 15c per 100; \$1.00 per 1000; \$8.50 per 10,000, if by mail, add 10c per 100.

TOMATO, small plants for transplanting, in several varieties, 15 cts. per 100; \$1.00 per 1000.

PEPPER, small plants for transplanting, in several varieties, 25 cts. per 100; \$2.00 per 1000, if by mail, add 10 cts. per 100.

EGG PLANTS, New York Improved, for transplanting, 25c per 100; \$2.00 per 1000.

CELERY, White Plume and Golden Self-Blanching, 15c per 100; \$1.00 per 1000.

Other Vegetable plants in season. Cash with order.

R. Vincent, Jr. & Son, White Marsh, Maryland.

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Choicest home grown seed. ¼ oz. 25c; oz. \$1.00. In white, shell pink and lavender. Catalogue of all Flower and Vegetable Seeds for Florists and Market Gardeners, sent on application.

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Plant SOUTHERN GROWN Carnations.

20,000 Rooted Cuttings; 15,000 2-in. pot Plants.

For sorts and prices write to SOUTHERN NURSERY, Box 328, SAN ANTONIO, TEX.

Mention The Review when you write.

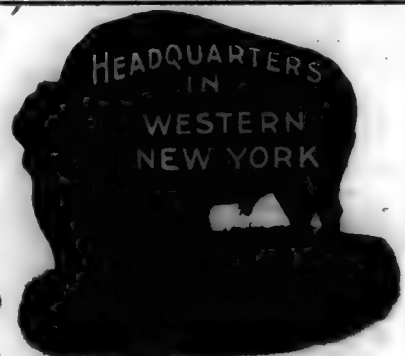
For Spring Planting. The Reliable new EVER-BEARING PEACH, also the ELBERTA and other choice varieties. JAPAN PLUMS, all the most approved sorts. Select assortment small fruits. Prices for above very reasonable. Address

MILFORD NURSERIES, - Milford, Del.

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GIVE US
A
TRIAL.
WE CAN
PLEASE
YOU.

Roses,
Carnations
and all
kinds of
Seasonable
Flowers
in stock.



WM. F. KASTING, Wholesale Commission Florist.
481 Washington St., BUFFALO, N. Y.
Also Dealer in Florists' Supplies and Wire Designs.

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JOHN B. FERGUSON, Wholesale Florist,

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High Art and "business" combined. In style most refined and quiet, such as best customers will appreciate.

A variety is offered. Samples 10c in stamps.

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SEED
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THE ANNUAL



Special Spring Number....

*** OF THE ***

FLORISTS' REVIEW

WILL BE ISSUED **April 5th,** JUST TEN DAYS
BEFORE EASTER

It will be an unusually attractive number, will reach all the buying florists of America, and will be a "business getter" for advertisers. It will give extra value but there will be no increase in adv. rates which are:

FULL PAGE,	-	-	-	\$27.00
HALF PAGE,	-	-	-	\$13.50
PER INCH,	-	-	-	\$ 1.00

Subject to time discounts to those who have contracts with us.

If you have anything to offer to the trade you should not fail to have your announcement in this special number.

Please send copy for your adv. early so we may have time to get it up in most effective style.

Florists' Publishing Co.

520-535 Caxton Building.

.....CHICAGO.

MILWAUKEE.

The market remained firm until the beginning of Lent, when prices weakened a trifle, but as stock is not overplentiful the effect was not as noticeable as it might have been had there been plenty of stock.

In roses good Maids and Brides find ready sale and the supply of medium grade Beauties is short of demand. The supply of carnations is equal to demand, but most varieties are inclined to be weak in the stem. Violets are plentiful and only extra choice stock finds a ready market. Sweet peas have made their appearance. A look among the growers indicates a scarcity of bulbous stock for Easter.

Notes.

A. Klokner had the decoration for the Batchelors' ball. About twenty-five large cases of wild smilax were used, this being intermingled with incandescent lights encased in pink tissue paper to represent pink paeonies. The effect was pleasing.

Miss Edlefsen has gone to Pittsburg to visit her sister.

Bowling.

In the bowling contest between the Oconomowoc team and local florists the visitors won all three games.

At the regular meeting of the club Thursday the following scores were made:

Simpson ..	130	94	130	94
Pollworth ..	153	184	180	161
Holton ..	132	119	173	133
Edlefsen ..	104	130	146	149
Zweifel ..	94	124	144	119
Dehn ..	93	113	99	121
Wagner ..	158	110	106	93
Hunkel ..	181	159	160	169
Zimmerman ..	175	163	111	152
Klokner ..	166	165	134	109
Mathes ..	142	112	126	146
Kennedy ..	139	109	114	158

GEO. W.

DENVER, COLO.

On February 27th the bowling club made the following scores:

	1.	2.	3.	Av.
John Berry ..	173	147	203	174
Chas Franz ..	172	172	157	167
A. E. Mauff ..	176	160	117	151
Chas. Mauff ..	176	132	145	151
M. Bloy ..	147	131	168	149
Charles Theiss ..	107	180	161	149
George Zimmer ..	129	122	153	135
A. M. Lewis ..	150	124	125	133
Lyle Waterbury ..	...	145	119	132
A. N. Benson ..	153	98	116	122
Ed Emerich ..	115	118	107	118

J. B.

**The Cheapest
and Best**

LIZZIE
McGOWAN
Rooted Cuttings
for only \$5 per 1000.
Cash Please.

B. F. MUSCHERT, Penn Valley, Pa.

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**LARGE STOCK OF STRONG
ROOTED CUTTINGS NOW READY**

G. H. Crane, Morning Glory, Maceo, Glacier, Gomez, America, Red Mrs. Bradt (or Chicago), Mary Wood and other good standard sorts.

Mrs. Geo. M. Bradt for March delivery — all the early stock sold.

FIVE 1900 NOVELTIES.

Mrs. Thos. Lawson, Ethel Crocker, The Marquis, Olympia and Genevieve Lord. At introductory prices.

We make a Specialty of Rooted Cuttings, and have three houses of stock growing for that purpose only.

SEND FOR DESCRIPTIVE PRICE LIST.

F. DORNER & SONS CO., LaFayette, Ind.

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THE GREAT AND ONLY EXCLUSIVE CARNATION SPECIALISTS.

CUTTINGS NOW READY.

	Per doz.	Per 100	Per 1000	Blooms per 100
Genevieve Lord, the peer of any light pink				
Carnation ever offered	\$2.00	\$10.00	\$75.00	\$4.00
Chicago, scarlet Bradt	1.50	7.50	60.00	4.00
Mrs. Lawson, cerise pink	3.00	11.00	120.00	
Olympia, variegated	2.00	12.00	100.00	
Ethel Crocker, pink	1.50	10.00	75.00	
Marquis	2.00	10.00	75.00	

	Per 100	Per 1000	Blooms per 100
Frances Joost, pink	\$2.50	\$20.00	\$4.00
Mrs. Jas. Dean, pink	2.50	20.00	4.00
John Young, white	2.50	20.00	4.00
White Cloud, white	4.00	30.00	4.00
Mrs. Bradt, variegated	5.00	40.00	\$4 to \$5
Gen. Maceo, crimson	6.00	50.00	4.00
Gen. Gomez, crimson	6.00	50.00	4.00
G. H. Crane, scarlet	6.00	50.00	\$4 to \$5
Gold Nugget, yellow	2.50	20.00	4.00

	Per 100	Per 1000	Blooms per 100
Argyle, carmine	\$2.50	\$20.00	\$4.00
Jubilee, scarlet	2.00	15.00	\$1 to \$3
Armazindy, variegated	2.00	15.00	2.00
Evelina, white	2.00	15.00	
Wm. Scott, pink	2.00	15.00	2.00
Victor, pink	2.00	15.00	2.00
Daybreak, light pink	2.00	15.00	
Flora Hill, white	2.00	15.00	3.00

Have Shipped 100,000 Cuttings This Season without a Kick.

CHICAGO CARNATION CO., Greenhouses and Address, JOLIET, ILL.

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ELM CITY A Grand New Carnation White....

Seedling of Lizzie McGowan
and Mme. Diaz Albertini,
in its fifth year.

The flowers are large, finely shaped and of strong fragrance. Petals are heavy, of good substance and nicely fringed. Calyx is very strong, after the style of Mme. Albertini, and none bursting; the stem strong, holding the flower erect. The plant is a good grower and free bloomer, not subject to stem rot or any disease. Rooted Cuttings ready February 1st, \$1.50 per doz., \$10 per 100, or \$70 per 1000. Cash with order. We shall prepay the express where money accompanies the order. Orders filled in rotation.

M. E. KRAUS, 320 Davenport Ave., NEW HAVEN, CONN.

Mention The Review when you write.

GENEVIEVE LORD. The Peer of Light Pinks.

(Stock for delivery prior to March 20, all sold.)

The people know a good thing when they see it. If you haven't seen it ask someone who has concerning its appearance. It has proven itself the most popular selling carnation we have ever grown, and as it combines quantity with quality it is no surprise to know it is the most profitable we have ever grown.

Some of its Features: The finest stem of any carnation. The color is just right, the ladies go wild over it. It is large, grades easily as a fancy. Odor is very sweet. Form beautiful, calyx perfect. It is a perfect non-bursting carnation. Every grower will appreciate this. If you don't grow Genevieve Lord next winter your list will not be complete. Remember, stock is all sold until March 20. **PRICE: \$2.00 per doz., \$10.00 per 100, \$75.00 per 1000.**

Catalogue ready now containing full description of the above as well as the other big new ones and standard sorts. A postal card will bring it. Also complete list of new and standard Chrysanthemums.

H. WEBER & SONS, - - Oakland, Md.

Mention The Review when you write.

Ethel Crocker. Absolutely the Best Pink Carnation ever offered the trade.

A fact fully borne out by its record, being equally good with Craig, Hill and myself (an assurance that it is not a success in one soil and a failure in another.) By its having been shown at the flower shows and clubs since early in September (an assurance that it is not a good late carnation but an all season variety.)

In color, size, fragrance and stem it is just what the "storemen" want. In habit, constitution and freedom of bloom it is just what the grower wants. It produces more flowers to the square foot than any other known variety, and is never out of crop from September to July.

With 18,000 stock plants to work from there is no danger of it being overpropagated, and all orders entrusted to me will be filled with cuttings selected from the plants and also in filling the order, by myself, thus doubly assuring good stock. Honest sample blooms furnished prepaid at \$1.00 per dozen, amount deducted from all orders for 100 or over. Up to date every sample excepting one out of several hundred sent has brought an order.

Price per 100, \$10.00; per 25, \$2.50. Per 1000, \$75.00; per 250, \$18.75. **HERR'S PANSIES**, good little plants at 75c per 100; \$4.00 per 1000.

Price list of standard varieties ready now.

ALBERT M. HERR, Lancaster, Pa.

Mention The Review when you write.

FINE STOCKY PLANTS

Alternanthera, Yellow, \$1.75 per 100; Red, \$2.00 per 100.
Oxalis Floribunda, 2-in. pot 2.50
Vinca Vines, 2 varieties, 2-in. pot 2.50
Geraniums, 16 2 1/2 3.00
Pansy Plants, large flowering, per 1000, \$2.50. .50

CASH WITH ORDER.

JOS. H. CUNNINGHAM, - - Delaware, Ohio.

Mention The Review when you write.

Carnation Cuttings...

NOW READY.

Jubilee, White Cloud, Daybreak, Flora Hill and other standard varieties. Write for prices. We control the original stock of **MME. CHAPMAN** the Grand Rapids pink sport of D. B.

CRABB & HUNTER, Grand Rapids, Mich.

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Prepare Advs. Now

FOR THE

SPECIAL..... SPRING NUMBER OF THE FLORISTS' REVIEW

TO BE ISSUED **April 5,** JUST 10 DAYS BEFORE EASTER.

NEW CARNATIONS.

We are now ready to receive orders for strong rooted CUTTINGS.....

GEN. MACRO } \$1 per doz., \$6 per 100, \$50 per 1000.
G. H. CRANE }
GLACIER }
MORNING GLORY }

GEN. GOMEZ } 75c per doz., \$5 per 100, \$40 per 1000.
MRS. G. M. BRADT }

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Choice, \$1.00 and \$2.00 per doz. Good mixed collection, 50 plants, \$5.00. Echeveria Californica, fine bedder, \$3.00 per 100; off-sets, \$1.00 per 100. Mrs. M. E. Patterson, Glendale, Cal.

Hardy cacti for permanent out-of-door planting, 17 sorts, thoroughly tested. Investigate. Catalogue free.

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Cacti and cacti seed, send for price.
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A few thousand Fancy Leaved Caladium at less than real value. Among the above are some fine Brazilian varieties and very choice other kinds of all shades, named, and some under number. Address for particulars.

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Caladiums, fancy named sorts, extra large, bulbs 1 1/2 to 2 1/2 inches, \$2.50 per 10; \$20.00 per 100. Bulbs 1 to 1 1/4 inches, \$1.50 per 10; \$12.00 per 100. P. J. Berckmans Co., Augusta, Ga.

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The 3 best solid red: Black Prince, \$10.00 per 100; Philadelphia, Duke of Marlborough, \$4.00 per 100.

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A select list of new cannas. Write N. Smith & Son, Adrian, Mich.

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New carnations. We are now ready to receive orders for strong rooted cuttings. Gen. Maceo, G. H. Crane, Glacier, Morning Glory, \$1.00 per doz.; \$5.00 per 100; \$50.00 per 1000. Gomez, Bradt, 75c per doz.; \$5.00 per 100; \$40.00 per 1000. White Cloud, Gold Nugget, 50c per doz.; \$4.00 per 100; \$30.00 per 1000. Mrs. James Dean, \$3.00 per 100; \$25.00 per 1000. Mrs. Thos. W. Lawson, \$3.00 per doz.; \$14.00 per 100; \$120.00 per 1000. Olympia, \$2.00 per doz.; \$12.00 per 100; \$100.00 per 1000. Marquis, Genevieve Lord, Ethel Crocker, \$2.00 per doz.; \$10.00 per 100; \$75.00 per 1000. 25 at 100 rate, 250 at 1000 rate. We have fine large stocks and will deliver only strong, well rooted cuttings.

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The new light pink carnation, Genevieve Lord is the coming light pink and we recommend it to you as being first class in every way. It has won highest honors where ever shown. Better than Scott in its palmist days. There will be no attempt to over propagate it. First come, first served. \$75.00 per 1000; \$10.00 per 100; \$2.00 per doz. Stock for delivery prior to Mar. 15th all sold. Are now booking orders for that date and later. Send for complete description. Also Mrs. Thos. W. Lawson, Crocker, Olympia, Marquis, J. Whitcomb Riley, Chicago and Estelle at introducers' prices.

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Orders booked now in order of receipt for rooted cuttings of the famous Mrs. Thomas W. Lawson, the \$30,000 Queen of Carnations, for spring delivery, commencing Feb. 1, 1900. Prices up the trade only: Per dozen, \$3.00; per 100, \$14.00; per 1000, \$120.00; per 5000, \$500.00; per 10,000, \$800.00. Terms strictly cash or C. O. D. from unknown parties. Address all orders and make all remittances payable to Thos. F. Galvin, 124 Tremont St., Boston, Mass.

Our stock is in fine condition. Nearly all varieties transplanted in soil, ready for shipment now.

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Genevieve Lord	10.00	75.00
Olympia	12.00	100.00
Chicago or Red Bradt	7.50	60.00
G. H. Crane	6.00	50.00
Mrs. Geo. M. Bradt	5.00	40.00
White Cloud	4.00	30.00
Gold Nugget	4.00	30.00
Frances Joost	3.00	25.00
Gen. Gomez	5.00	40.00
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McGowan, Mayor Pingree, Wm. Scott, Tidal Wave and Morello, \$1.00 per 100; \$7.50 per 1000.

All rooted cuttings sold under the condition that if not satisfactory they are to be returned at once and money will be refunded.

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Carnation cuttings. McGowan, Evelina, Pingree, Scott, Nivea, Morello, \$1.00 per 100.

Daybreak, Argyle, Armazindy, \$1.25 per 100. Flora Hill, Gold Nugget, Triumph, Victor, \$2.00 per 100.

White Cloud, Frances Joost, Evanston, Jubilee, \$2.50 per 100.

Mrs. Bradt, Gov. Griggs, Leslie Paul, Melba, America, \$3.00 per 100.

G. H. Crane, \$5.00 per 100. Mrs. Lawson, \$14.00 per 100.

10 per cent discount on thousand lots.

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New carnation Estelle, certificated by A. C. S. at Chicago and Cincinnati. A bright illuminating scarlet; stem strong and stiff, holding flowers gracefully erect; attains a length of 12 to 16 inches by December; a free, early, continuous bloomer. Stock is limited and cuttings are all sold for Feb. to Mar. 15th delivery. Price, \$10.00 per 100; \$75.00 per 1000. All the novelties and standard sorts. Write for price list. R. Witterstaetter, Station F, Cincinnati, O.

The new pink carnation, Mrs. Bertram Lipincott. The fact that this variety is a cross between Daybreak and Scott is a sufficient guarantee and should recommend it to every grower as the only carnation that will be sure to yield good returns. Stock now ready. \$2.00 per doz.; \$10.00 per 100; \$75.00 per 1000. H. F. Michell, 1013 Market St., Philadelphia.

Large stock of strong rooted cuttings now ready. G. H. Crane, Morning Glory, Maceo, Glacier, Gomez, America, Red Mrs. Bradt (or Chicago), Mary Wood and other good standard sorts. Mrs. Geo. M. Bradt for March delivery, all the early stock sold.

Five 1000 novelties, Mrs. Thos. W. Lawson, Ethel, Crocker, Olympia and Genevieve Lord at introductory prices. Send for descriptive price list.

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Carnation cuttings, 20,000 Wm. Scott, must be sold to make room, at \$6.00 per 1000 or 4000 for \$20.00. Mrs. Joost, \$2.50 per 100; \$20.00 per 1000. Melba, \$3.00 per 100; \$25.00 per 1000. Flora Hill, Victor, Daybreak, \$1.25 per 100; \$10.00 per 1000. Mayor Pingree, \$1.00 per 100; \$7.00 per 1000. Cash with order. Carl E. Taube, Mercer Floral Co., Trenton, N. J.

Big cut to make room; good, clean rooted cuttings, Peach Blow, Scott, Bridesmaid, Rose Queen, 75c per 100; \$6.00 per 1000. Flora Hill, Jubilee, Triumph, Kohinoor, \$1.50 per 100. Albertini, Armazindy, Emily Pierson, \$1.25 per 100; any of above from 2-in. pots, 50c more. Cash with order.

Logan Ave. Greenhouses, Danville, Ill.

100,000 rooted cuttings, ready to ship. Early orders get the best stock. Mrs. Thos. W. Lawson, \$14.00 per 100; Olympia, \$12.00 per 100; Crocker, Marquis, Lord, \$10.00 per 100; Crane, \$5.00 per 100; America, \$4.00 per 100. 12 cuttings at 100 rate. All the other new and standard sorts, for prices see large adv.

Morris Floral Co., Morris, Ill.

Now ready, rooted cuttings. Maceo, Glacier, \$5.00 per 100; Evanston, \$2.50 per 100; Jubilee, Armazindy, Victor, A. Webb, \$2.00 per 100; F. Hill, Daybreak, Dana, Meteor, Morello, Cartledge, \$1.50 per 100; McGowan, Bridesmaid, Eldorado, Pingree, Portia, Jahn's Scarlett, Scott, \$1.00 per 100.

D. R. Herron, Olean, N. Y.

Rooted cuttings, extra strong. Ready now. Daybreak, Jno. Young, Flora Hill, Eldorado, Freedom, Victor, \$1.50 per 100; \$12.00 per 1000. White Cloud, Frances Joost, \$2.50 per 100; \$20.00 per 1000. Dexter Purit, a good commercial scarlet, \$2.50 per 100.

S. J. Reuter, Westerley, R. I.

Ethel Crocker. Absolutely the best carnation ever offered the trade. \$10.00 per 100; \$75.00 per 1000. 250 for \$18.75; 25 for \$2.50. Honest sample blooms—furnished prepaid at \$1.00 per doz.; amount deducted from all orders for 100 or over.

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Scott, clean, healthy rooted cuttings. Extra heavy, from soil, 100, \$2.25; 1000, \$20. Well established, from soil, 100, \$1.75; 1000, \$15. Strong, from sand, 100, \$1.25; 1000, \$10. Cash with order please.

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Rooted cuttings of carnations. Both new and old varieties at lowest prices for good stock. Special rates on orders booked for future delivery. Satisfaction or money refunded. Geo. A. Rackham, 880 Van Dyke Ave., Detroit, Mich.

Scott and McGowan, \$1 per 100; \$6.00 per 1000. Daybreak, \$1.25 per 100; \$10.00 per 1000. Flora Hill, \$1.50 per 100; \$12.00 per 1000. Bon Ton, \$2.00 per 100; Gomez, 60 cts. per doz.; \$4.00 per 100. Joost, \$2.50 per 100. Cash.

Orange Floral Co., West Orange, N. J.

Carnation cuttings now ready. Jubilee, White Cloud, Daybreak, Flora Hill and other standard varieties. We control the original stock of Mme. Chapman, the pink sport of Daybreak. Crabb & Hunter, Grand Rapids, Mich.

A fine lot of rooted cuttings of the following: Mayor Pingree, Bon Ton, Wellesley, Armazindy, Jubilee and Genesee, \$2.00 per 100. Buttercup (fine), \$3.00 per 100.

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"	4	15-18	2-3	20.00	150
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Mammoth verbenas, large rooted plants, 60c per 100; \$5.00 per 1000.

S. Whitton, 15-17 Gray Ave., Utica, N. Y.

R. C., lemon verbenas, \$1.50 per 100; plants, \$3.00, \$4.00, \$5.00 per 100.

Greene & Underhill, Watertown, N. Y.

We have all the best, plenty of red and pink, 60c per 100; \$5.00 per 1000.

S. D. Brant, Clay Center, Kan.

The best varieties, \$1.00 per 100; \$5.00 per 1000. 2-in. pots, strong, \$2.00 per 100.

C. Humfeld, Clay Center, Kan.

R. C., Verbenas, 75,000 now ready; twenty-six varieties, 100, 60c; 1000, \$5; 5000, \$25.

S. T. Danley, Macomb, Ill.

Rooted cuttings, 75c per 100; \$5.00 per 1000. Pot plants, \$2.50 per 100; \$20.00 per 1000.

W. L. Smith, Aurora, Ill.

Verbenas, 60 cts. per 100; \$5.00 per 1000. Cash.

Orange Floral Co., West Orange, N. J.

VINCAS.

Major and Var., strong rooted cuttings, \$1.00 per 100.

South Side Floral Co., Springfield, Ill.

Major and Var., rooted cuttings, \$1.00 per 100. Cash with order.

Logan Ave. Greenhouses, Danville, Ill.

Rooted cuttings, \$1.25 per 100; \$10.00 per 1000; 4-in. pots, \$8.00 per 100; \$70.00 per 1000.

J. E. Felthousen, Schnectady, N. Y.

Major and minor, strong field-grown plants, \$1.00 per 100; \$7.50 per 1000.

James M. Lamb, Fayetteville, N. C.

Rooted cuttings, var., extra strong, \$1.50 per 100. Greene & Underhill, Watertown, N. Y.

Vinca vines, 2 var., 2-in. pots, \$2.50 per 100. Cash.

Jos. H. Cunningham, Delaware, O.

Variegated vincas, from flats, \$1.50 a 100. Cash.

Chas. S. Dutton, Holland, Mich.

Vincas, \$3.00 per 100; 4-in., fine, \$15.00 per 100.

W. L. Smith, Aurora, Ill.

Vinca Variegata, \$1.00 per 100. Cash.

Orange Floral Co., West Orange, N. J.

Rooted cuttings, 60c per 100; \$5.00 per 1000.

H. Millingar, Merchantville, N. J.

Variegated vincas, 2 1/4-in., \$2.00 per 100.

Morris Floral Co., Morris, Ill.

Vinca major, 2 1/4-in., 2 1/2 cts. Cash.

A. J. Baldwin, Newark, O.

VIOLETS.

Marie Louise. 10000 strong rooted cuttings from sand, clean and in fine condition, \$10.00 per 1000; rooted runners, \$6.00 per 1000. Cash please.

C. Lawritzen, Rhinebeck, N. Y.

Lady Campbell and California violets. Send for price list.

Wm. Swayne, Box 226, Kennett Square, Pa.

Lady Hume Campbell, rooted runners, clean and No. 1, 60c per 100; \$5.00 per 1000.

Beach & Chessman, Richmond, Ind.

Violet Princess of Wales, the only violet to grow. Strong rooted cuttings, \$1.00 per 100.

Evenden Bros., Williamsport, Pa.

Leading kinds, doz., 50c; 100, \$3.50.

Good & Reese Co., Springfield, O.

Campbell, rooted runners, 50c a 100. Cash.

Geo. M. Emmans, Newton, N. J.

Rooted runners Marie Louise, \$5.00 per 1000.

G. Guy Swanger, Shiloh, Ohio.

ZEBRA GRASS.

Plants, 3 to 5 spikes, \$2.50 per 100; \$20.00 per 1000. Ready March 1st to 10th.

Jno. S. Kerr, Sherman, Tex.

MISCELLANEOUS PLANTS.

Velvet plant, \$2.00 per 100. Mesembryanthemum erectum, California moss, fine for border or basket, Lycopodium dent., to fill in design work. Dusty Miller, Feverfew, Little Gem and Golden Leaved, all the above in 2 1/4-in. pots, \$1.50 per 100.

Morris Floral Co., Morris, Ill.

Ageratum, three kinds, including Princess Pauline, 70c per 100. Alyssum, dbl., \$1.00 per 100. Lantanas, four kinds, \$1.25 per 100. Salvias, three kinds, \$1.00 per 100. Express prepaid and satisfaction guaranteed. Cash with order, don't send checks.

S. D. Brant, Clay Center, Kan.

Impatiens Sultani and Tradescantia, tricolor, \$2.00 per 100. Fragrant callas, 2 1/4-in., \$1.50; 4-in., \$3.00 per doz. German Ivy, \$1.25 per 100. Mignonette, 2-in., \$2.00 per 100.

Greene & Underhill, Watertown, N. Y.

To exchange, vincas, spirea A. Waterer, Tradescantia Zebrina, all 2-in., for carnation rooted cuttings. Geo. F. Braybon, Kent, Ohio.

Stocks, white or mixed, double, 2-in., \$1.50 per 100. Lobelia, rooted cuttings, \$1.00 per 100. S. Whitton, 15-17 Gray Ave., Utica, N. Y.

Before ordering any goods anywhere send in your list for lowest guaranteed prices.

F. W. O. Schmitz, Jersey City, N. J.

Antigonon leptopus, heavy, medium and small roots. Write for prices.

The Brooks Sisters, Sorrento, Fla.

Shamrock for St. Patrick's day, true, fine stock from 2 1/2-in. pots, \$6.00 per 100.

N. Smith & Son, Adrian, Mich.

Rooted cuttings, per 100: Lemon verbenas, \$2; Cigar plant, \$1; Impatiens Sultani \$2.

A. J. Newton, Norfolk, Va.

See display adv. in this issue for large list of miscellaneous plants.

W. L. Smith, Aurora, Ill.

Feverfew, rooted cuttings, \$1.50 per 100; \$12.00 per 1000. J. E. Felthousen, Schnectady, N. Y.

Oxalis floribunda. 2-in. pots, \$2.50 per 100. Cash.

Jos. H. Cunningham, Delaware, O.

Strong R. C. Feverfew, Little Gem, \$1.00 per 100 by mail. S. W. Pike, St. Charles, Ill.

Sansevieria zeylanica, 10c.

H. Steinmetz, Raleigh, N. C.

Cobaea Scandens, 2 1/2-in., \$2.00 per 100. Cash.

Geo. L. Miller, Newark, Ohio.

COLORED PLATES, ETC.

Colored plates, seed packets, engravings, etc. Vredenburg & Co., Rochester, N. Y.

Send in your order now for a copy of the Florists' Manual.

CUT FLOWER BOXES.

Florists' Boxes. The J. W. Sefton Mfg. Co., 241-247 S. Jefferson St., Chicago.

If you read these advs. others would read yours.

DECORATIVE MATERIAL.

Headquarters for southern wild smilax, 35-lb. cases, \$1.50; 50-lb. cases, \$2.00. My stock is first class, carefully selected, full cases. Orders by telegram filled same day received. Terms cash with order or satisfactory references.

J. R. McCreary, The Forester, Gordon, Ala.

Hardy cut ferns, \$1.00 per 1000. Bouquet green, 4c per lb. Bouquet green wreathing, all sizes made to order, 3 to 8 cts. per yd. Baled spruce, for cemetery use, etc.

L. B. Brague, Hinsdale, Mass.

Galax Leaves! Direct from North Carolina. Specially equipped for handling large orders. J. L. Banner, Montezuma, N. C. D. Robinson, Agent, Produce Exchange Bldg., N. Y.

Prepared Tropical Palms and Cycas leaves. Send for catalogue.

Ostertag Bros., St. Louis, Mo.

Fancy and dagger ferns, also fine line galax leaves. Crowl Fern Co., Millington, Mass.

EVERYTHING FOR FLORISTS.

Write for quotations on your wants to McKellar & Winterson, 45, 47, 49 Wabash Ave., Chicago.

"The Classified Advs. bring big returns" is the verdict of the advertisers.

FERTILIZERS.

Red Towers Brand Bone Meal for florists. 100 lb. bag, \$1.75; 200 lb. bag, \$3.25; 1/4 ton, \$7.50; 1/2 ton, \$14.50; 1 ton, \$28.00. F. O. B. Bridgeport, Conn. Also Odorless Lawn Dressing. Terms, cash with order. Red Towers Greenhouses, Hackensack, N. J.

Sheep manure, dried and pulverized. Purest and cleanest sheep manure on the market. Write for prices and samples.

J. V. Merriam, U. S. Y., Chicago, Ill.

Pure sheep manure, the best that can be bought on the market. Also a large quantity of hardwood ashes, by the bbl., ton or car load.

J. L. Elliott, Bethlehem, Pa.

Bone meal, made for my own use and for other florists who want a good article. Try a bag.

Albert M. Herr, Lancaster, Pa.

The Florists' Manual, by William Scott, is a complete reference book for commercial florists.

PLEASE MENTION THE REVIEW WHEN WRITING ANY OF THESE ADVERTISERS.

FLORISTS' LETTERS.

The Cefrey Letter Co., 446 Tremont St., Boston, Mass., Chas. L. Razoux, Mgr., Manufacturers of Florists' Letters. The best and most artistic letter on the market. Pat. Jan. 3rd, 1893. Price: 1½ or 2-inch letters, \$1.50 per 100; script letters, \$3.50 per 100. Agents: The Flower Market, Boston; Emil Steffens, New York; McKellar & Winterson, Chicago; H. Bayersdorfer & Co., Philadelphia.

GALAX LEAVES.

Galax leaves. For latest prices bronze and green Galax leaves and Leucothoe sprays address the introducer.

Harlan P. Kelsey,
1106 Tremont Bldg.,
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Galax leaves. Chas. H. Ricksecker, Linville, N. C.

Galax leaves, \$1.00 per 1000.
L. B. Brague, Hinsdale, Mass.

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The Van Reyper Perfect Glaziers' Points. No rights or lefts. Price per box of 1000, 60 cts.; by mail, 75 cts.; in lots of 5000 by express, 55 cts. per 1000. Henry A. Dreer, 714 Chestnut St., Philadelphia, Pa.

Greenhouse glass and cypress sash material. Get our prices before buying. S. Jacobs & Sons, 406 West 13th St., New York.

Every florist ought to insure his glass against hail. For particulars address John G. Esler, Sec'y, Saddle River, N. J.

We make special greenhouse putty. Price on application. Lord & Burnham Co., Irvington-on-Hudson, N. Y.

Importers and jobbers of greenhouse glass. Wheeler-Stenzel Co., 72 Sudbury St., Boston, Mass.

Send for Lucas on Glass. Four pamphlets tell all about it.
John Lucas & Co., Philadelphia.

Greenhouse glass a specialty. Sprague, Smith Co., 207-209 Randolph St., Chicago.

Greenhouse Glass. Benjamin H. Shoemaker, 205 to 211 No. Fourth St., Phila., Pa.

Greenhouse Glass. Wood Glass Co., 226 N. Salina St., Syracuse, N. Y.

HOSE.

Hose for Florists. Penn Rubber Co., 608 Arch St., Philadelphia, Pa.

Send in your order now for a copy of the Florists' Manual.

INSECTICIDES.

TOBACCO STEMS, the good, strong kind only, 60 cts per 100 lbs.; bales 450 lbs.

TOBACCO DUST, the black stuff, 2 cts per lb.; 50 to 1000 lbs.

H. A. Stoothoff,
116 West St., New York City.

"Rose Leaf" Extract of Tobacco Insecticide, the best and by far the cheapest all-round insecticide on the market. For sale by seedsmen. For free pamphlet write The Kentucky Tobacco Product Company, Louisville, Ky., successors to Louisville Spirit Cured Tobacco Co.

Tobacco stems, \$1.00 per 100 lbs. Tobacco dust, \$2.50 per 100 lbs. Rose Leaf Extract of Tobacco, Nikoteen, Nicomite. Send for prices on large quantities.

McKellar & Winterson, 45, 47, 49 Wabash Ave., Chicago.

Nikoteen. Does not injure the most sensitive plants. Endorsed by prominent florists. Used for fumigation or spraying, indoors or out. 200 lbs. of tobacco in one pint of Nikoteen. Sold by seedsmen. Circular free.

Skabcurea Dip Co., Chicago.

Nicomite (patent) Vapor Insecticide. A certain killer of insect pests. Sold by seedsmen. Tobacco Warehousing and Trading Co., Louisville, Ky.

Tobacco stems for florists, \$1.50 per bale of 200 to 250 lbs. Fresh and clean. P. C. Fulweiler & Bro., 927 Sansom St., Phila.

PIPE AND FITTINGS.

Wrought iron pipe, valves, fittings, etc., for steam and hot water; rubber hose, pumps and well points.

Wm. H. Kay, 42 Dey St., New York.

Full line of Pipe and Fittings. Send for latest prices. S. P. Conkling, 20 East Atwater St., Detroit, Mich.

Iron Pipe and Fittings. Rundle & Spence Mfg. Co., 63 Second St., Milwaukee, Wis.

Iron Pipe and Fittings for florists. The Kelly & Jones Co., Pittsburgh, Pa.

POTS.

Standard Flower Pots. Our pots are of the best quality. We ship all goods from Cincinnati, guaranteeing lowest freight rates and prompt delivery. Write us before placing your orders elsewhere.

Cambridge Tile Mfg. Co., Covington, Ky.

Standard Pots. We are now ready to supply a superior quality of Pots in unlimited quantities. Catalogues and price-lists furnished on application.

A. H. Hews & Co., North Cambridge, Mass.

Standard Flower Pots. If your greenhouses are within 500 miles of the Capitol, write us; we can save you money. W. H. Ernest, 28th and M Sts., N. E., Washington, D. C.

Flower Pots of all kinds. Standard Pots a specialty. List and samples free. Swahn Pottery Mfg. Co., Box 78, Minneapolis, Minn. Factory, Marshall & 5th Ave., N. E.

Standard Flower Pots. If you need pots write for our prices before you order. We guarantee safe delivery. Wilmer Cope & Bro., Lincoln University, Chester Co., Pa.

Flower Pots. Before buying write us for prices. Geo. Keller & Son, 361-363 Herndon St. (near Wrightwood Ave.), Chicago.

OUR 1900 STANDARD FLOWER POTS.

Better than ever. Send for Price List.

Syracuse Pottery Co., Syracuse, N. Y.

Red Standard Pots, wide bottoms, well burned and porous. Reduced prices.

Harrison Pottery, Harrison, Ohio.

Flower pots and vases, by barrel or carlots. Sizes from 2 to 20 inches.

John Feustel, Fairport, Iowa.

Flower Pots. Missouri Pottery & Mfg. Co., 1216 W. 8th St., Kansas City, Mo.

For the best Plant Tubs, address Mann Bros., 6 Wabash Ave., Chicago.

SPHAGNUM MOSS.

We are headquarters for Sphagnum. Just received several carloads.

Per bale, \$1.00.

Six bales, \$5.00.

Ten bales, \$7.50.

Write for prices on large quantities.

McKellar & Winterson, 45, 47, 49 Wabash Ave., Chicago.

We gather our moss and it is the best to be had. Bales, 4½ feet long, 18 inches wide and 20 inches deep, weighing when well dried 40 lbs., 80 cents per bale; 10 bales, \$7.00. Green moss, \$1.00 per bbl.

Z. K. Jewett & Co., Sparta, Wis.

\$1.00 for 5 bbl. bale.

H. R. Akers, Chatsworth, Burl. Co., N. J.

Sphagnum moss, 75c per bbl.

L. B. Brague, Hinsdale, Mass.

WIRE WORK.

C. A. Kuehn, 1122 Pine St., St. Louis, Mo., manufacturer of the Patent Wire Clamp Floral Designs. A full line of supplies always on hand. Write for catalogue.

We are Headquarters for Wire Work.

McKellar & Winterson, 45, 47, 49 Wabash Ave., Chicago.

Reed & Keller, 122 W. 25th St., New York, Manufacturers of Wire Designs.

GRAND RAPIDS, MICH.

We are having the worst attack of bad weather of any we have had this winter. It has snowed and blowed and hailed and rained by turns, then froze up solid, with a gale a-blowing, all of which has had a bad effect on trade, which is a little quiet this week. However, it has allowed the crop of roses to catch up with the demand, while carnations are still scarce and need a few days more in which to prepare for a renewed demand soon as this blizzard-like weather is over.

The favorite white for this fall's planting is White Cloud, of which some very fine blooms are being cut. Flora Hill ranks next. Lately considerable improvement has been noticed in the stiffness of her stem. The outlook for a fine Easter crop of this carnation is good. Evelina and White Daybreak will continue to be planted largely, while John Young will be given another chance to show his opening ability.

G. F. CRABB.

COLUMBUS, OHIO.

The fourteenth annual police ball, which was held on February 22 at the Goodale Street Auditorium, was a decided success. The hall was tastefully and artistically decorated by Mr. Charles, especial attention being paid to the stage, which was draped in the national colors and decorated with cut flowers, palms and ferns. In the center of the stage were large pictures of the mayor, the director and the chief of police.

The exhibition drill was very attractive, given by 32 members of the police department, all of whom wore bouquets of red and white carnations, and the mayor, chief, director and other officers were decorated with Marechal Niel roses, which were also furnished by Mr. Charles.

Mr. Nienhearte, formerly with S. F. Stephens, has left for California, where he expects to start in business.

Miss Hester A. Getz has brought injunction proceedings against Cross & Co., from whom she leased a part of the store at 9 North High street. The defendants have declined to deliver the lease and threaten to oust her. It is said that another florist is interested with the defendant.

G.

A HARD LIFE.

A New Jersey florist gives us a very interesting report as to the way his time is occupied.

He writes: "I am working from 6 in the morning until 6 at night, and after tea I am chasing snails, cut worms, moths and mice, and looking after the fires until 12 o'clock. The florist's life is not as smooth as it looks."

PRICE OF GLASS.

The present discount on greenhouse glass is 85 and 5 per cent from the price list. We understand, though, that glass manufacturers are at the present time well supplied with orders for sizes generally used on greenhouses and that the dealers find it difficult to place orders for same with the manufacturers.

CONNELLSVILLE, PA.—P. R. De Muth has ordered material for a new carnation house, 24x100, to be built during the coming summer. It will be a short span to the south house and will be glazed with 16x24 glass.

CATALOGUES RECEIVED.

The Cottage Gardens, Queens, N. Y., trade price list of carnations, geraniums and other florists' specialties and novelties; W. Atlee Burpee & Co., Philadelphia, wholesale catalogue for market gardeners and florists; Waldo Rohnert, Gilroy, Cal., seed list for season 1900; the Good & Reese Co., Springfield, O., trade list for nurserymen and dealers; W. W. Wilmore, Denver, Col., trade list of dahlias, cannas, gladiolus, paeonies, etc.; Josiah A. Roberts, Malvern, Pa., fruit and ornamental trees, plants and vines.

J. L. Dillon, Bloomsburg, Pa., wholesale catalogue of plants, rooted cuttings and cut flowers; Williams & Sons, Batavia, Ill., wholesale price list of roses, carnations, palms, geraniums and general florists' stock, also wholesale list of florists' and nursery supplies and sample of plant stake; Chicago Carnation Co., Joliet, Ill., price list for 1900; S. T. Danley, Macomb, Ill., wholesale price list of rooted cuttings and pot plants; Geo. Hancock & Son, Grand Haven, Mich., trade list for spring of 1900 of selected rooted cuttings of carnations; Wm. Swayne, Kennett Square, Pa., descriptive price list of carnations and violets; W. Atlee Burpee & Co., Philadelphia, Burpee's unique list for 1900; Jas. Vick's Sons, Rochester, N. Y., Vick's garden and floral guide; Geo. L. Miller, Newark, Ohio, Miller's floral gems for 1900; H. House & Co., Hiram, Ohio, annual catalogue of seeds, plants and bulbs; Floral Glen Greenhouses, Des Moines, Iowa, catalogue of flowering plants.

Vick & Hill Co., Rochester, N. Y., wholesale spring price list of bulbs, plants, roots, etc.; Theo. Bock, Hamilton, O., list of new and choice chrysanthemums for 1900; Mrs. Theodosia B. Shepherd, Ventura, Cal., descriptive catalogue of California flowers; J. Palmer Gordon, Ashland, Va., roses and other bedding plants for 1900; Meehan's Nurseries, Germantown, Pa., wholesale trade list; Cooke & McCord, Tarrytown-on-Hudson, N. Y., descriptive catalogue of choice seeds and plants; Phoenix Nursery Co., Bloomington, Ill., trees, plants, shrubs, bulbs, bedding plants, etc.; T. R. Watson, Plymouth, Mass., ornamental trees, shrubs, evergreens, roses, bulbs, etc.; H. Weber & Sons, Oakland, Md., novelties and standard varieties of carnations and chrysanthemums; W. J. Hesser, Plattsmouth, Neb., wholesale price list of palms and other decorative plants; Memphis Floral Co., Memphis, Tenn., list of roses, chrysanthemums, cannas, etc.

FLOWER FANCIES.

This is the title of a little booklet of 32 pages issued by the Booklet Publicity Co., of Boston, and designed to be used for advertising purposes by retail florists. It is certainly very effectively gotten up and the several verses (each in specially engraved de-

ONE HUNDRED THOUSAND CUTTINGS.

	Per 100
Alternanthera, red and yellow, \$5.00 per 1000.....	\$.60
Alternanthera, summer struck, \$9.00 per 1000.....	1.00
Ageratum, blue and white..	1.00
" Princess Pauline	1.25
Alyssum (Double Giant)....	1.00
Begonia, Erfordii, Rex, Inc. Gigantia	2.00
Carnations, White Cloud...	3.00
Triumph, Albertini and Flora Hill	2.00
Coleus, fancy and large leaf.	1.00
Verschaffeltii, yellow and selected kinds, \$7 pr 1000..	.80

	Per 100
Coleus, mix. col., \$5 per 1000..	\$.60
Forget-Me-Not (Winter Flowering)	2.00
Fuchsia, assorted	1.50
" Sun Ray, variegated	4.00
" Trailing Queen....	1.50
Geraniums, named	2.00
Mixed	1.50
Mrs. Parker (Dble. Pink Silver Leaf)	4.00
Silver Leaf and Rose Scnd	1.50
Mme. Sallerol.....	1.25
Double New Life.....	4.00
Mrs. Pollock and Happy Thought	2.00

	Per 100
Geraniums, Bronze.....	\$1.50
Mars and Freak of Nature	3.00
Mme. Bruant.....	2.50
German Ivy	1.25
Heliotrope (purple & white)	1.25
Impatiens Sultani	2.00
Lemon Verbena	1.50
Lantana, assorted	1.50
" Trailing	2.00
Manettia, bicolor	2.00
Salvia	1.25
Tradescantia (tricolor)....	2.00
Vinca Var., extra strong....	1.50

PLANTS.

	Per 100
Anthericum, 3-in.....	\$6.00
Begonia, Rex, assort., 2 1/2-in. named,	4.00
Fragrant Calla, 2 1/2-in., \$1.50 pr dz. 4-in., \$3.00 pr dz.	

	Per 100
Forget-Me-Not (Winter Flowering), 2 1/2-in	\$4.00
Geraniums, Happy Thought, 2 1/2-in.....	4.00
Silver Leaf, 2 1/2-in.....	4.00

	Per 100
Ger., Mrs. Pollock, 2 1/2-in....	\$1.00
Lemon Verbena, \$3.00, \$4.00, 6.00	
Mignonette, 2-in.....	2.00
Manettia bicolor, 2 1/2-in....	4.00
Primula obconica, 2-in.....	2.00
in flats ..	1.50

Terms Cash or C. O. D.

GREENE & UNDERHILL, Watertown, N. Y.

Mention The Review when you write.

sign) showing the various uses of flowers present the subject in a very attractive form. On the cover is a colored picture of a young lady arranging a bouquet. We have no doubt a sample would be sent to any florist interested.

GREEN BAY, WIS.—Charles Meyers and H. Detgen are preparing to build greenhouses and start in business here. A down-town store will be opened at the corner of Jefferson and Pine Sts.

BLANCHESTER, O.—H. J. Hagan's greenhouses were destroyed by fire on February 19. Loss about \$1,000; no insurance.

WANT ADVERTISEMENTS.

Advertisements under this head 10 cents a line, an average of seven words to the line.

WANTED—Rose grower for section; young man preferred. Brant & Noe, Forest Glen, Chicago.

BOYS! If in your vicinity there is a private gardener or grower, you can make pin money easy talking "Tobacco Whale Oil Soap" to him. Write for particulars. H. A. Stoothoff, 116 West St., New York City.

SITUATION WANTED—Gardener and florist of 5 life experience desires situation to take care of gentleman's private place. Understands care of vegetables, lawns, greenhouses, etc. Good reference. Disengaged April 1st. Address, stating wages, etc., James G. Marsh, King's Park, L. I., N. Y.

FOR SALE—Florist's refrigerator; cost \$175; will sell for \$75 cash; just as good as new. Write for particulars to Lewis Ullrich, 181 Sycamore St., Tiffin, Ohio.

LANDSCAPE ENGINEER.

Plans for Gardens and Parks Drawn to Order, India ink or water color. Business advice in floriculture and horticulture. F. A. H., 500 33rd Avenue, Denver, Colo.

Mention The Review when you write.

FOR SALE.

102 acres of fine land, part cultivated	\$2,800
Lot 52x241, four Greenhouses, Sheds, etc....	3,700
1/2 of an acre, city property, Greenhouses well stocked, fine condition, bargain...	3,700
Lot 100x125, five Greenhouses stocked, fine dwelling.....	4,800
25 acres; good shipping center, S. uthwest, fine Orchards of pears, cherries, etc....	6,500
60 acres, 33 acres in fruit, six Greenhouses, well established business	7,500
7 acres, seven Greenhouses land highly cultivated, large dwelling	9,500

Any of the above named properties is a bargain and those desiring to purchase will do well to communicate with us. These are only a few of the properties that we have for sale and leasing.

SMITH & SMITH, 345 Sixth Ave., PITTSBURG, PA.
P. O. Box 869.

Mention The Review when you write.

MARIE LOUISE VIOLETS.

10,000 strong rooted cuttings from sand, clean and in fine condition. If not satisfactory, pack carefully and return them to me and your money will be cheerfully refunded. These cuttings were intended for my own use, but got no room, so they must go, and those who get them will be well pleased. The above cuttings I will sell at \$10 per 1000. Also got rooted Runners for \$6 per 1000. Cash, please.

C. LAURITZEN,
Rhinebeck on the Hudson, N. Y.

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CLEMATIS.

Coccinea and Crispa....\$30.00 to \$45.00 per 1000.

BULBS.

Zephyranthes Sulphurea (big yellow flower) \$6.00 per 1000. Milla, Bessera and others.

Cacti and Cacti Seed. Send for prices.

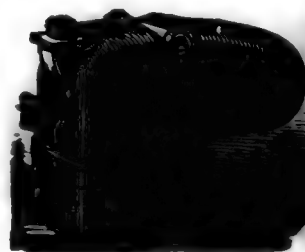
WILLIAM TELL, AUSTIN, TEXAS.

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Rooted Cuttings. USUAL PRICES.

Coleus, Verschaffeltii, Golden Queen, Mixed, Heliotrope, Double Petunias, Salvia, etc. Alternanthera, four kinds. L. H. POSTER,
45 King St., Dorchester, Mass.

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HITCHINGS & CO.
230 MERCER ST. NEW YORK.

GREENHOUSE BUILDERS

Hot Water Boilers, Pipes, Fittings
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LIFE IS TOO SHORT to be eternally rebuilding.

It's not only expensive but tiresome.

You can use your time and money to better advantage.

Build right. Use Cypress.

The right kind of Cypress.

The open-air dried Cypress.

The Cypress that we select with the greatest care for our Greenhouse Material.

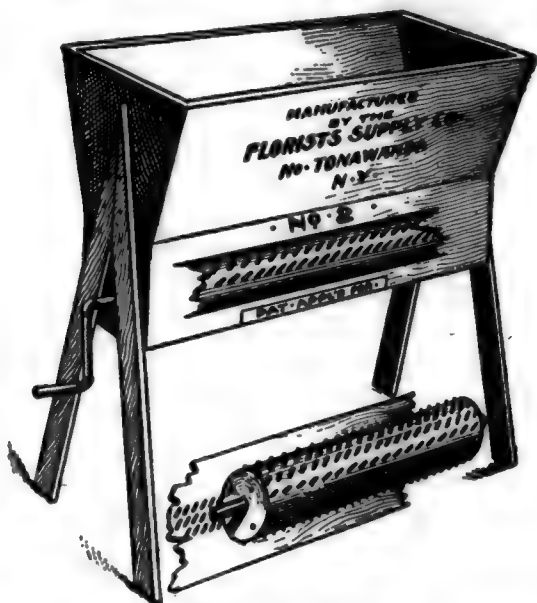
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of Greenhouse Material
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Write us about it.



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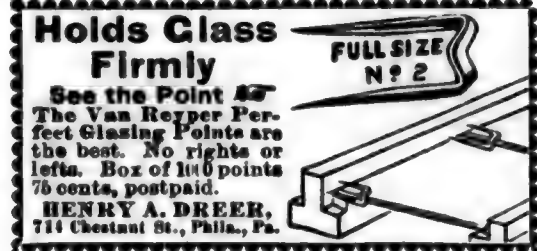
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G. L. GRANT, EDITOR AND MANAGER.

PUBLISHED EVERY THURSDAY BY

THE FLORISTS' PUBLISHING CO.

520-535 Carlton Building, Chicago.

334 Dearborn Street.

Subscription, \$1.00 a year. To Europe, \$2.00. Subscriptions accepted from those in the trade only.

Advertising rates: Per inch, \$1.00; 1/4 page, \$13.50; full page, \$27.00. Discounts: 6 times, 5 per cent; 12 times, 10 per cent; 26 times, 20 per cent; 52 times, 30 per cent. Discounts allowed only on consecutive insertions. Only strictly trade advertising accepted. Advertisements must reach us by Tuesday to insure insertion in the issue of the following Thursday.

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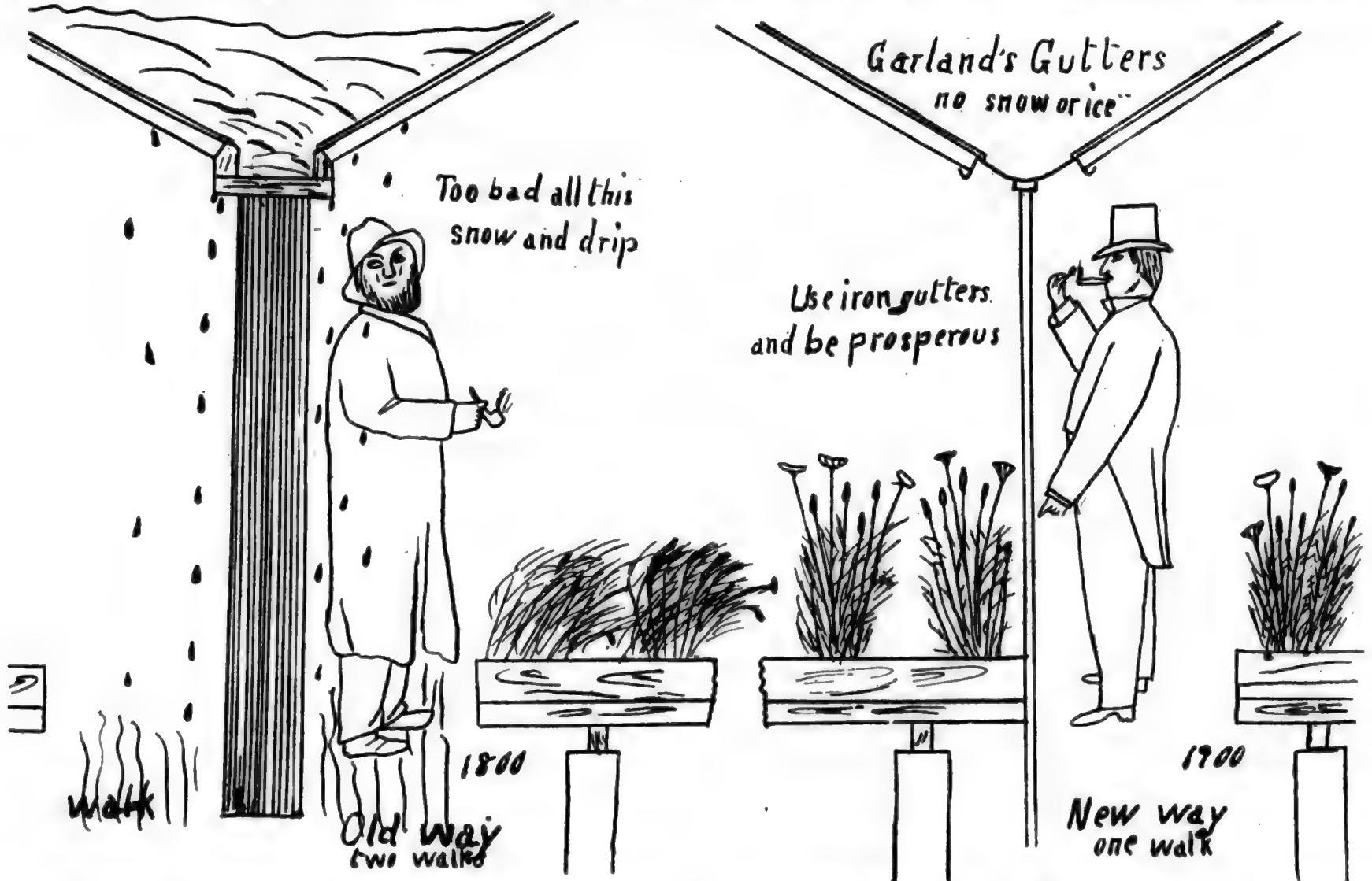
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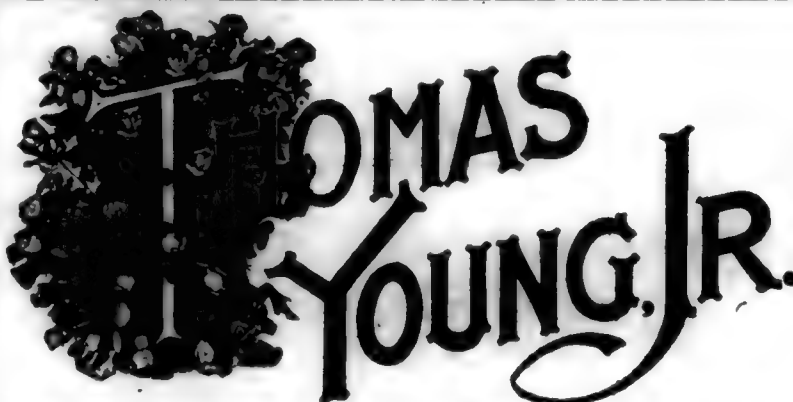
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THE RETAIL FLORIST

Easter Plants.

The "In time of peace prepare for war," which the florist knows best, is in the dull season prepare for the busy one. So it is that now, when our wealthy customers have taken refuge under the protection of Lent, giving us an opportunity to dust the shelves and straighten things, we of course give much thought to the question of Easter. And make your mind easy, it's going to be a very good Easter for plants—yes, and flowers, too. We think it will even be a record breaker.

There is one great danger before us; it is the matter of price. We have all complained bitterly about the high prices demanded for cut flowers at Christmas; we may have much more cause to complain of the high prices of Easter plants. We seem to go to extremes whenever a chance occurs; that "grow rich quick" disease is very prevalent and destructive among florists. To be sure, the season is short and we are justified in making all we can out of it, but care should be given to two things—make your plants appear to be worth what you charge for them, and above all satisfy and keep your particular trade.

You will need to be diplomatic and over careful this year because the market has spread and some grades of stock are over plentiful. The lateness of the season and the many chances of it being warm weather will probably cause many to make large sidewalk displays. We even expect many to open florist stores just for the sake of getting all the plants they can from growers, selling them for what they promised to pay for them, defrauding the grower and ruining your dearly paid for established business. Isn't it funny how easily some poor growers can be buncoed? No matter how bad a man's reputation may be, all it seems necessary for him to do is to hire a store or basement next door to you, put up a glaring "Easter Plant" sign, go out to your own grower and get all the stock he wants for nothing. That has been done many, many times and we have seen nothing to indicate that matters will be different this year. How very quick we are to note and de-

nounce the frauds in other professions; how dull and blind to those practiced in our own.

The grower should be careful to protect his good customer the same as you have to do yours, and the man who fails to do so should be made to feel the error of his way. Business requires many great exertions; it is the main long battle of life, and whenever trickery or deceptive methods are used one is justified in using drastic strategy. Though the present age may be polished in all its mannerisms and dealings, yet it is behind the times to bother selecting words when denouncing frauds.

The flower business is a most peculiar and tender one—yes, erratic in most of its whims. Often will you see that they who know the least about it succeed best; this would appear as putting a premium on ignorance, but it is not. Flowers appeal to everyone, no matter where they are, and if a person takes a fancy to buy any particular flower or plant, they care not whether the salesman is a college professor or a common laborer. There is the great danger—the drawback to our trade. Easter plants attract the public, and it doesn't sometimes matter if the "mushroom florist's" stock is not quite so good as yours, your best customer is liable to compare prices. Easter is a great time for shopping. People go 'round to see what is most beautiful or novel, or they are interested in prices. Therefore prepare for every emergency, give all the space you can for display, and arrange your plants to show to best advantage; but we will talk of this point later.

What is most important for you now is to know what there is good for Easter. Bermuda lilies have been a bad failure this year. Growers in the vicinity of New York have lost fifty per cent of the bulbs they got from Bermuda. *Lilium Harrisii* in particular suffered, and now it is not a question of lilies being scarce (because a great many more were being grown than usual), so much as it is that of quality. Most of the lilies to be offered are Japanese longiflorum; they will not average many flowers and are short in stem; so much is this so that

lilies are bringing a higher price. The growers are asking from 12 to 15 cents for flowers and you will be fortunate if you get good clean stock for less. You can sell them as cheap as you want to but the prevailing retail prices will be as usual—20 to 25 cents—and you'll not be able to get any more unless for made-up work.

It appears to us that it will not only be desirable but necessary to "make up" more lilies than usual this year, because you will not be able to sell them or give satisfaction with them otherwise. It is not wise to offer a customer a lily with four or five flowers on it when that same person wants or will take one with twelve or eighteen. It is very important to have your salespeople know this. Have quite a few of your lilies made up out at the grower's place, and be willing to either send your man out there to do it, or pay for having it done; it will be cheaper for you to do so. Put three plants in a pot, a tall one and two small ones, some all small, others all tall—have a variety. Then try some with six or even more in a pot or cheap tub painted white, green, or blue. Of course it all depends on your class of trade, but most folks are willing to pay \$2.50 for a nice pot or tub of lilies—many of them want them at from \$5 to \$20.

Roses in pots and boxes are going to sell well this time providing they are good and reasonable. There are some good moss roses and hybrid perpetuals in nice sized boxes, five to six plants in a box; they cost you from \$2 to \$2.50, and when they are trimmed up you ought to get from \$5 to \$10 for them. Crimson Ramblers are to be had in any shape, some trained in crosses six feet high; these cost you \$10, and if you put a broad sash of white ribbon with crimson lettered Easter greeting on it around the arms, you ought to get \$20 to \$25 for them. They are specially suited for churches. These roses are procurable in basket, fan, pillar, crowns and other designs, and they vary in prices. The trouble with Ramblers is that when grown close together the growth and bloom are all at the top; thus many of these set designs are deficient in quantity of bloom; in any case they appeal to most people from a novelty rather than a beauty standpoint. Good Ramblers in natural shapes can be bought for from \$2 to \$6, and if you care to make up some large tubs of them, take care to have them furnished well down to the tub.

Hydrangeas are coming back in favor again, but we think only in the larger sizes. Some fine plants are being grown; the growers are asking too much for them in comparison to other stock. The country will be swamped with small sized *Azalea indica*, and most of you will get stuck on them if you don't use lots of them in basket work. You will be able to buy them at your own sweet price if you hold off for a while; this you can do because they are not a scarce article.

English(they are just as much Irish, because every bog in Ireland is covered with 'em) primroses will sell very well either in pans or baskets. There's more money in them than in most other things; get some of them—you may have to pay from 10 to 15 cents for them, but you'll get it back treble.

Ericas ought to sell well, though many of the varieties don't show up enough for the price you must pay, and the people ericas appeal to from a sentimental point of view are few. There are one or two varieties out this year which are very beautiful, such as Cavendishii, translucens and cupressi-

ana; a few of them will enrich your display and ought to sell.

Calceolarias will be somewhat of a novelty this year, and they are going to make a big hit if properly handled. The colors are magnificent and they are a change from what the people have been drugged with.

This is too big a subject to deal with in one week, and we'll continue it next. Only just one word of caution: be careful what you buy, don't begrudge a grower his price for anything new or good, for you can get a big price for them. Where you are apt to lose money is on trashy, small stock. Scour your district for what's best in it and be generous yet sensible. IVERA.

year ago cut down and potted and grown all summer under glass, where they made good canes and were ripened off in the fall. By this method you do not get quite so large a plant as those lifted from the field last fall, but they are easier to force and are covered with flowers and just now need plenty of liquid as the pots are necessarily one mass of roots. Old plants that were forced last year and did not flower and again forced this year I don't believe in.

The Acacia armata that is not at all satisfactory the first winter after importing makes if cut down and grown in pots over summer a beautiful plant. They are just showing a few of their globular yellow flowers and will come along nicely in our "cold storage."

You cannot do anything with the spiraea (astilbe) but give it room, an abundance of water and keep the tobacco smoke away. But as you are possibly now using aphid punk no care is needed. It is too cheap a plant to put much labor on, but if you can set each spiraea in an 8-inch saucer and keep the saucers supplied with weak liquid manure you will have a spiraea as it should be grown.

Marie Legraye, the white lilac, and the Azalea mollis both want about four weeks under glass. Last year the mollis sold well decorated with crepe and ribbon to match the beautiful orange tints.

I might add here that any of these deciduous shrubs that you are forcing are greatly benefited by a frequent syringing till the flowers show color. We are forcing a few dozen plants of the Japan maples for decorations; they will be an acquisition.

Last year I gave you some rather misleading advice about violets in pots. I said lift them two or three weeks before Easter. I was wrong, at least we found it so. Unless you have violets most particularly well flowered don't bother with them at all, but if you have, as we expect to have, plants that will go into a 5-inch pot, with 25 to 35 flowers, then mark them three weeks before Easter, so that they are not picked, but don't lift them till a day or so before they are wanted for sale; they will be just as satisfactory to your customers and far more attractive than those you attempted to establish. The same with the pansies. Mark a lot of your best plants two weeks before Easter, but don't lift them for pans till the last moment.

I cannot say much to you about bulbous stuff just now, except to remind you that the 15th of April is very near their natural flowering time and but a few days will be needed under glass, so don't make the mistake of bringing them in too early. Ten to fourteen days will be plenty for hyacinths and daffodils, fifteen or sixteen days for single tulips, and perhaps twenty days for Murillo and other double tulips. But watch the weather; one bright, warm day will do more to open a tulip than a week of dark weather with fire heat alone.

A fancy paper man called today for

MISCELLANEOUS SEASONABLE HINTS.

Easter Crops.

There will be nothing so interesting to most of the growers, and the plant men particularly, as the state of your Easter crop. Easter is a little later than the average date and we must remember that the fifteen days of April are worth as a forcing time nearly double the same period in March. We are sure even with the most unfavorable spring to get some fine, warm weather.

You do not get your batches of plants in at the right time without a good deal of thought and labor. Move, move, move, is the order of the day, but with most all plants it is not safe or wise to take a plant out of a night temperature of, say, 60 degrees and put it in one of 45 degrees, unless the flowers are open or about to open. It is an unnatural and chilling treatment and hard on the plants. It is better to let them open up if you find them too early, and then put them in some shaded house or shed where they will keep in good order many days.

It is not alone the night temperature that will control the plants, but rather the sun, which is increasing daily in power and has the greatest effect on opening up the flowers. So you should have at least one house where the glass is shaded either by board or cloth, or if you cannot do better, whitewash the glass, and this house will do for many things, bring some on fast enough and for storing others that are fully out. Keep it shady and air on all possible occasions, and it will keep a lily or azalea for at least two weeks after being well out. Boards are much to be preferred to white-

wash, because you need the house afterwards and do not need the shade.

At this date, March 13, we find the early azaleas, among them the popular Mme. Van der Cruyssen and the beautiful Prof. Walters, just showing color. They will come along all right in this cool house while Empress de Brazil and later flowering kinds may need a bright house and a night temperature of 60 degrees.

By keeping the Cytisus racemosus very cool it is only just showing flower and will be all right in the cool shaded house.

The lilies are of first importance, both on account of the quantity we grow and their popularity. Those showing buds distinctly can with a strong heat be got out, but I would prefer to see the buds at this date two inches long. There is not likely to be an oversupply. The Harrisii with us is fairly healthy, but the Bermuda longiflorum which looked so promising up to New Year's have taken a terrible tumble and it is consoling to know that "we are not the only one." They have not gone off here and there a plant, but hundreds in a batch. They look as if they had had a bath of scalding water.

Japan longiflorum are free of disease and will be largely depended on as the late Easter has given them a good chance to be in. Easter is not the only time you see a lily, so those without hope put aside and let them come on gradually.

The Crimson Ramblers will want your brightest and warmest house. Make sure of their being in time. They will keep a long time should they be too early. Ours were nursery stock, a



Piece-Root Grafted Roses.

orders for crepe. He was not a drummer but a neighbor, and it reminds us that by placing our orders now for crepe and the fine grades of colored tissue paper we saved almost 25 per cent. You will need lots of it and at the last moment will be paying 10 cents a roll for crepe when you can order it now for 8 cents. You want green and violet and orange yellow and white, and some other shades to match the azaleas. It is a fad, but really an excusable one, and so enhances the appearance of a gift. What would a peacock be without his tail, and what would some of our dear friends be without their feathers, etc.?

WM. SCOTT.

PIECE ROOT GRAFTS.

Mr. George M. Kellogg, Pleasant Hill, Mo., kindly sent us last week a few specimens of the piece-root grafted roses mentioned in his notes on page 378 of our March 1st issue. We had a photograph taken, from which the accompanying engraving is made, but from the appearance of the roots in the photo the photographer must have allowed them to dry out a few hours before attending to business.

Mr. Kellogg writes that of the 2,500 piece-root grafts only seven failed to grow.

BULBS IN THE SOUTH.

I have read with interest a communication from Bro. Read in The Florists' Review of March 8 on bulb growing. I agree with him that our bulbs can and should be grown somewhere in this great and glorious country.

I have had some experience in that line. In Bladin County, N. C., I have raised from bulblets as fine hyacinths as ever came from Holland. Gladiolus, narcissus and tuberose were grown to perfection and multiplied with a rapidity equaling nut grass.

In this sunny land I have grown all the standard bulbs, with good and poor results. Our soil is sand and should be suited for hyacinth culture, but the winters are too warm. The bulbs come up in November and are kept in a growing state nearly all winter. This might not be against them were it not for the cold spells that visit us every few weeks during the winter; then it is hot enough to seek the bathing resorts between these cold waves. This kind of weather is not good for any kind of "craps."

Paper white narcissus have done well with me and some of the monster bulbs that I have grown are "out of sight."

Gladiolus do fairly well. When left over winter in the ground they begin to grow in November to December, and are often cut down by the January freezes, which we have not failed to get these past ten years. They should be dug when the tops die down and stored away in dry sand until February. Cannas grow and make fine roots if planted in a moist situation or watered freely.

Lilacs of all kinds do well the first year and then dwindle away. This I cannot understand, as they should do well here with the right kind of treatment.

Freesias will grow as well here as in California. My bulbs grow very large and could be grown in large quantities very cheaply. C. S. TAIT.

Brunswick, Ga.

COMMERCIAL AND CHEMICAL FERTILIZERS.

By JOSEPH COENEN.

[Read before the Kentucky Society of Florists, Louisville, March 7th.]

The use of commercial and chemical fertilizers by florists is still in more or less of an experimental stage. Some of our best and largest growers of roses and carnations use these fertilizers to some extent. Few of us here are using them as they should be used. We seem to be afraid of them, and so we should be, for there have been many failures due, not to their use but to their abuse, because we have not made a proper trial of them.

If one man killed a house full of roses by giving them too much bone meal, and another killed his roses by giving them a mulching of four to six inches of fresh cow manure, and a third destroyed the buds and foliage by giving too much chicken manure, must we therefore think that bone meal and cow and chicken manure are not good? If these persons had given less manure at a time and oftener they would have succeeded instead of making a failure.

We are all liable to make mistakes. Only a few weeks ago a good grower of roses and carnations and who uses liquid manure every week told me how he had made a donkey of himself by giving his roses a good dose of liquid manure immediately after they had been rested, pruned and tied down. It nearly killed them and he said: "I ought to have known better than to feed my roses when they had no stomach and could not digest the food." When such men fail no wonder we do. Be careful never to make your liquid manure too strong. Give it often but weak and you will be successful.

In order that we may properly understand the use and value of commercial and chemical fertilizers we ought to know our soil better—what it is composed of and what it needs. Too often we hear florists say, my soil is not good, my soil is this, my soil is

that, and blame everything on poor Mother Earth—for the earth is our mother, she being the mother of all organized life, and when our course is run we have to go home to her and rest in her bosom.

We will see later on that soil or earth does not have so much effect on plant growth as we think. It depends upon what we intelligent workers give it or restore to it whether we get a good crop and plenty of good, large blooms. I will therefore try to explain to you what soil is, what it contains and what it needs. I will also mention the principal chemical fertilizers used by florists, how to use them and the benefits we can gain by their use.

Chemists tell us that water and the air around us make up from 88 to 90 per cent. of our crops. Soil, they tell us, does but little more than help the plants to stand upright, while water and air, obeying chemical laws, build up their structure. But what is soil? It is nothing but disintegrated and decomposed rock mingled with vegetable waste and dead animal life. From the granite class of rock we get the mineral feldspar, mica, hornblende and quartz, and from these the silicon, potash, iron, soda, alumina, lime and manganese. The sedimentary rocks, of which the various slates are the types, have the particles in finer form, hence the soils formed from these, such as clays, have their mineral constituents in finer condition. But the finest subdivision of all in which the mineral matter of the soil exists is that supplied by dead plants and animals, into whose structure the minerals entered in so fine a state as to be held in solution by water.

If we give some plant ashes to the chemist he will tell us that these ashes contain silicon, iron, potassium, calcium, phosphorus, sodium, sulphur, aluminium, chlorine, magnesium, etc. These are the elements that all plants take from the soil, and the soil itself obtained them from the solid rock. The order in creation then is that the rocks supply the minerals, plants feed on these minerals, animals feed on these plants, and omnivorous man, lord of all, feeds on these animals and plants.

Most of the dozen elements that enter into the composition of plants are found in sufficient quantity in almost all soils, leaving but three—potash, nitrogen and phosphoric acid—as the three essentials that we must supply to the soil if we want a good crop. All plant food is manure, and all manure is plant food, whether it is in the form of artificial manure or the natural product of the barnyard. Where do the fertilizing elements of barnyard manure come from? From the food the animal eats. What are the manufactured fertilizers made of? From the animal itself—blood, bone, flesh, etc. What does barnyard manure contain? A common one-horse load will contain 802 lbs. of water, $5\frac{1}{2}$ lbs. nitrogen, 118 lbs. silica and sand, $6\frac{1}{2}$ lbs. alumina, $3\frac{1}{2}$ lbs. lime, $3\frac{1}{2}$ lbs.

magnesia, $4\frac{1}{2}$ lbs. potash, 1 lb. soda, 1 lb. sulphuric acid, 1 lb. chlorine.

As a rule the soil has all it needs of these except nitrogen, potash and phosphoric acid, in all about 15 lbs. There is, however, a value in barnyard manure in addition to its fertilizing properties, and that is humus. Humus is all dead vegetable and animal matter in process of decay. Humus holds a great store of carbonic acid, which decomposes the minerals in the soil, setting free potash and phosphoric acid. It is a great argument for the use of barnyard manure in preference to commercial fertilizers that it forms humus, but if we turn under grass or clover sod or any green crop we get the same result, and these we can raise with the help of commercial fertilizers.

As we have seen, the three elements we need most as fertilizers are potash, nitrogen and phosphoric acid. What is potash? Potash is the element potassium combined with oxygen (potassium oxide). The name potash was given it because it was made in iron pots from ashes. Potash is a most caustic, biting alkali, dissolving and decomposing all organic structures it comes in contact with. In the vegetable kingdom it is held by plants in the process of growth in a soluble state combined with oxalic, tartaric, silicic and sulphuric acids. Potash is not only one of the three essentials for all plant growth, but it is also found in the fruits, vegetables and grains, such as the grape, the apple, the potato, etc.

The principal sources from which we obtain potash are the nitrate of potash from India, the sulphates, muriates, etc., from Germany, and in this country from wood ashes, burnt cotton seed hulls, etc. Some soils are already over rich in potash. Soils in which beech, maple, oak, walnut and elm trees grow with thrift, also tansy and purslane, are pretty sure to be naturally rich in potash in food condition.

Nitrogen is the second essential element in plant growth. The air which surrounds us is made up of four-fifths nitrogen and one-fifth oxygen gas, but this nitrogen is not available as plant food. When nitrogen is combined with hydrogen—18 parts hydrogen to 82 parts of nitrogen—we have ammonia, one of the most common forms in which nitrogen is fed to our plants. The other most important source of nitrogen is nitric acid, which is a combination of nitrogen and oxygen, and forms nitrates which are a combination of the nitric acid with soda, potash and other bases, and form the nitrate of soda, nitrate of potash, etc. The principal sources from which we obtain nitrogen are Peruvian guano, sulphate of ammonia, nitrate of soda, tankage, dried blood, cotton seed waste, hoof and horn shavings, etc.

The third substance is phosphoric acid. It is composed of the element phosphorus combined with oxygen gas. The four great sources of phosphoric acid are the mineral apatite, the phosphatic guanos, the bones of all animals and the mineral phosphate rocks.

I do not recommend the use of chemical fertilizers alone, but used with care in connection with barnyard manure we will get very good results. Most all of our large growers use one or more kinds of chemical fertilizers. The principal kinds of chemical fertilizers that may be used by florists are:

For nitrogen: Sulphate of ammonia, nitrate of soda, dried blood.

For phosphoric acid: Guano, bone meal and bone black, phosphate rock, etc.

For potash: Muriate of potash, sulphate of potash, wood ashes, etc.

There are several reasons why florists should use more chemical fertilizers. We have seen that a one-horse load of barnyard manure contains only 15 pounds of real active fertilizer (humus not considered). One bag of phosphates or a few pounds of chemicals will do as much good, if not more, as a two-horse load of manure. Consider the saving of labor and time over putting into the greenhouse a two-horse load of manure. Barnyard manure takes several months to decay, for plants cannot feed upon it until it is rotted. Chemical fertilizers, being mostly used in solution and at once available as plant food, are taken up by the plants in a few hours, or at least in a few days.

Chemical fertilizers, containing no seeds of weeds or grass, keep our soil free from weeds, resulting in less work and cleaner houses, with no scratching of face or hands in pulling weeds from our rose beds. Chemical fertilizers contain no germs of animal life and do not fill our greenhouses with worms and flies of all kinds, which are hatched out of manure by the heat and often bring death to the plants.

How to Use Chemicals.

Sulphate of ammonia, nitrate of soda, muriate and sulphate of potash should be used in solution, only about a 3-inch potful to 50 gallons of water. Use only one of these at a time, and only every two weeks. One week use one kind of chemical fertilizer, next week use a liquid of cow, chicken or sheep manure. Never make any liquid manure very strong. Better use it oftener but weak.

Nitrate of soda and sulphate of ammonia are two great stimulating fertilizers. They induce rapid growth, but will not make plants produce large blooms. If only one kind of fertilizer can be used, let it be bone meal and phosphates. We have used with success the fertilizer called blood, bone and potash in our potting soil for geraniums, roses and chrysanthemums. We use about a 6-inch pot to a wheelbarrow of sifted soil, mixing it well with the soil.

When fertilizers such as bone meal or phosphates and blood, bone and potash, are used, either on the bench or in the potting soil, the soil should be kept damp, as these fertilizers do not do much good in dry soil. Therefore it is best to use these in spring, summer and fall rather than in the dark



Greenhouse establishment of Mr. Wm. Mann, Louisville, Ky.

days when plants are apt to suffer from overwatering. Where any of the nitrates or sulphates are used in solution the soil should not be kept too damp, as these chemicals are easily washed out of the soil. They are therefore good for winter use.

Warning.

If anyone should, after hearing my remarks on the use and benefits of commercial and chemical fertilizers, feel disposed to try some, let him be cautious. While with care there is not the least danger, I desire to forcibly impress upon you the fact that you are dealing with concentrated forces and that an overstrong solution will work serious damage. Make your solutions weak, feeding often rather than heavily. Use some kind of liquid every week when the plants are in condition to assimilate the food, changing about from one kind to another.

Should you wish to try some new fertilizer, experiment on only a few plants. If you kill these you can stand the loss.

Avoid wetting the foliage of your plants when using chemicals, but if it cannot be entirely avoided syringe with water immediately afterwards so as to wash off the leaves.

Never use chemicals on small plants or seedlings. Wait until these have absorbed nearly all the food of the soil in the pot. Then give them a very weak liquid.

After lifting plants from the field do not give them liquid manure until they have growth well started again. Never give liquid manure to plants that have been rested or cut down until they have made roots to take up the nourishment you give them.

Do not give your plants liquid manure when the soil is very dry. Better first give them a little pure water. If the soil is dry the plants will absorb the liquid manure so greedily that it will often injure them if not kill them outright.

Manufactured Fertilizers.

Following are some of the ready prepared fertilizers: Bowker's chemical fertilizers, Mapes' chemical fertilizers, Acme phosphates. All these and many more can be obtained from our wholesale seed stores.

The following preparation recommended by Professor Wagner has been used by him with good results on carnations.

Phosphate of ammonia.....	2 oz.
Nitrate of soda	1 3/4 oz.
Nitrate of potash	1 3/4 oz.
Sulphate of ammonia	1 1/2 oz.
Water	50 gallons.

A light application each week is as strong as it should be given to the plants.

Notes.

In the fall before housing your carnations mix some good pure bone meal with the soil. It may be mixed with the soil before being put in the benches or the bone meal may be spread over the soil after it is in the bench and then worked in.

As soon as the plants have started to grow give them liquid manure each week. One week use a solution of a 3 or 4-inch potful of nitrate of soda to a barrel of water. The next week give liquid cow manure with a little chicken manure added. Let this stand at least a week after the liquid has been drawn off, add a 3-inch potful of sulphate of potash, allowing it to become well dissolved. Every three or four weeks give a light dressing of dissolved bone. The chemicals will act on the bone and other food in the soil and set free the potash and sulphuric acid. You can use the same for roses.

The keynote of success in the use of these fertilizers is to apply weak solutions and often. Above all things, avoid too strong a dose at one time. And give variety. Plants don't want

exactly the same food week after week any more than we do.

For chrysanthemums in summer I suggest an application every two weeks of a solution of nitrate of soda and every other week liquid cow, chicken or sheep manure. Stop feeding as soon as the buds show color. Give also now and then a small dose of liquid sulphate of ammonia. This will make your plants bloom early.

ESTABLISHMENT OF A LOUISVILLE FLORIST.

The accompanying illustration represents Wm. Mann's greenhouse establishment. As can be seen readily, it is a model commercial place, consisting of eight modern, well-equipped houses and comprising about 15,000 feet of glass. It ranks among the very best establishments of the kind in the Blue Grass state.

The history of Mr. Mann's business career, uneventful though it is, is nevertheless interesting. Away back in the seventies, when a mere boy, he made his first start on Franklin street. With no experience to guide him, save that acquired as "he moved along," but with an indomitable will that surmounted all obstacles and a perseverance that has for its motto "Try, and try again," Mr. Mann soon forged his way to the front, having achieved the success born of hard work.

In 1889 he removed his place to Brook street, one of the finest residential streets in the city. While growing a miscellaneous stock of plants for his retail trade, Mr. Mann pays particular attention to cut flowers, his roses and carnations invariably being of the choice grade. Aside from being a good, all-around grower, Mr. Mann is a floral artist of the first degree, first prizes for floral work having been his whenever his work was exhibited. S.

HEATING.

I want to heat two greenhouses, each 18x100 feet, with hot water in 4-inch cast iron pipes, one overhead flow pipe and six return pipes under benches in each house. One house will be three-quarter span, short side to the south, for roses, and the other will be equal span, for carnations, both running east and west.

My boiler is an upright, 3x6 feet, 55 flues, 1¾-inch, water space all around fire box. Is the boiler large enough to heat the two houses? How large a boiler will it require to heat four such houses? D. C. N.

The boiler described by D. C. N., being of upright design, 6 feet high, with fifty-five 1¾-inch tubes, will heat the two houses each 18x100 feet easily. If he desires to install a boiler to heat four such houses, it should be a twenty-horse-power, preferably of the horizontal tubular pattern.

New York.

HENRY W. GIBBONS.

The troubles described by your correspondent John S. are caused by a lack of capacity of the mains. Considering the amount of heating surface in the several coils, and also the great length of the return main, this pipe should not be less than two and one-half inches in diameter. The flow main is also small; it should be three inches, or even three and one-half, from the boiler to the far end where it branches.

The reason that the short coil nearest the boiler gives the most trouble is that the weight of the greater volume of water from the coils in the longer houses entering one end of the tee at the boiler forces back the warmer and consequently lighter weight of water coming from the short house.

It may also be stated that there exists some structural cause for the latter trouble, but from the description he gives of the apparatus none is apparent. HENRY W. GIBBONS.

New York.

NEW YORK.

Easter Outlook.

Easter is the all absorbing question of the day. What's it going to be? Will I sell out, or what should I buy? are more than passing thoughts to the vast majority of the trade. Growers here report a loss of over 50 per cent. of the Bermuda lily stock through disease, and it seems to us this costly and vexing matter should be solved and made impossible to occur by the overflowing intelligence of today. There will be an abundance of flowering plants on the market. Already many of the retailers have bought most of their stock. From 12 to 15 cents seems to be the prevailing asking price for lilies, the majority of which are Japan longiflorum, and are short in stalk.

Novelties are very scarce and buyers are skeptical of the few which are offered. There will be a deluge of cut flowers, for most of the rose houses promise immense crops. Prices will have to be moderate on much of the stock in order to clear out.

Club Meetings

The Florists' Club held its regular monthly meeting March 12th. Mr. O'Mara was reported sick, and Vice-President Arthur Herrington presided. Matters pertaining to the S. A. F. convention were the leading questions before the house and most of the committees reported progress. The horticultural show committee requested that the \$100 trophy prize to be given to the society whose members win the largest amount of prizes be reconsidered; the principal reason for this recommendation was that such trophy might become a burden to the society winning it, as none had a home of its own, and it was thought if any prize was offered in this way cash would be most satisfactory; the matter was laid over till next meeting.

The club decided to offer three gold medals in the following classes in the horticultural section: Group of foliage plants covering 200 square feet, group of foliage plants covering 100 square feet, and for group of flowering and foliage plants to cover 100 square feet.

Wm. Plumb, by offering \$10, started a fund of a hundred dollars or more to be given to the exhibitor winning the greatest number of prizes. Mr. Plumb was appointed a committee of one to take charge of this fund. F. L. Atkins made a strong plea for a representative exhibit of nursery stock at the convention, and the horticultural committee was requested to provide if possible for a class in ornamental shrubs.

A vote of thanks was ordered sent to the Buffalo club for their kind and generous care of the pilgrims from here on the occasion of the carnation convention.

The entertainment committee pleaded for an extension of time to consider their duty; three months of the year have already gone, and though convention matters take up lots of time yet it becomes tiresome. There were times at this meeting when members wondered what they came for; the importance of Easter, its supply and prospects were ignored, but the committee promise to provide for the next meeting, when most will not be able to attend. All the committees are expected to meet at the club's rooms, Monday, March 26th. Max Richter, New Springfield, Staten Island, exhibited a vase of very fine Princess of Wales violets, for which an honorable mention was awarded.

Various Notes.

Dahlia growers will hold a meeting at 1:30 p. m., March 27th, in the Berkeley Lyceum, 21 West Forty-fourth street, for the purpose of reorganizing

the National Dahlia Society. Some thirty of the most prominent dahlia growers in the country have promised to be present, and the invitation is extended to all interested. New York will have many gatherings during the week of the rose show, and it would be wise to be present at as many of them as possible. Full particulars of the Gardeners' Society meeting and carnation show will be given next week; in the meantime all are requested to prepare to send an exhibit of all the new carnations whether they are in commerce or not. This will be the best chance to show your products to the leading private gardeners of the country, and we hope they themselves will show whatever seedlings they may have in bloom. Save your flowers for March 27th.

We are informed and hear it with regret that John Fink, an old-time Broadway florist, is dead. Many have cause to pleasantly remember John in his capacity of foreman for Butler in the good old days of long ago.

Peter MacDonald, ex-president of the New York Gardeners' Society, later in the wholesale cut flower business, is at present foreman in the department of public parks. Here Peter has the good wishes of a host of friends.

Bowling.

There was quite a large crowd at the bowling alleys last night. Unfortunately only two of the alleys could be used and there was in consequence less vim and fun. Following are the scores:

Traendly . . . 186	155	Schultheis . . . 110	116
Marshall . . . 119	130	J. Lang 95	93
Moody 94		Sheridan 91	96
Shaw 119		Donlan 145	144
Bunyard . . . 111	89	Atkins 96	91
Stewart . . . 117	109	Burns 129	
Siebrecht . . . 113	123	Roehrs 126	
T. Lang . . . 134	137	Butterfield 110	
Hafner . . . 112	173	Theilman 132	142
J. Manda . . . 131	137		

J. I. D.

BOSTON.

The Market.

We have just finished a good healthy week's work. Just a touch of scarcity along most lines except in violets and a marked stringency among the light colored carnations. American Beauties are selling from 50 cents to \$6 per dozen; Meteors, 50 cents to \$3 per dozen; other red kinds scarce; pink and white, from 25 cents to \$3 per dozen, and other colors scarce. Yellow ones beginning to show up in little spots.

A noticeable feature of the rose situation is the lack of demand for the Papa Gontier, which was such a favorite as a bud for the past few years. But few grow them, Dana being the only large producer. He is sending in very fine ones just now at from 2 to 6 cents each. Its popularity was on the decline last year, with a limited call for its parent, "the old-fashioned Bon Silene," but this is not so marked this year and that for the Gontier little improved, if at all.

Prices on carnations have been much as last reported, 1½ to 3 cents, ordinary kinds, and a cent or two higher on fancy.

Violets not a question of price, but how to get rid of them. Of course the best have a slight air of independence about them.

Bulb goods coming good and going good. Prices right. Lilies showing in the horizon in good shape. Looks like a good cut for Easter, with perhaps not so many per stem as usual, making more decrease than may be expected.

Probably a little falling off on green material, as smilax is on the ascend.

So my "accommodating friend" left you in the lurch upon his advertised account of trade exhibit. Grippe. But your readers who were not present were losers. Come next time.

Welch Brothers' team mistook the iron fence around the common for a row of British bayonets a few days ago, and being strongly Oom Paulish, charged furiously through it and clear across the common. Not much damage.

Weather freezy and breezy.

B. T.

BUFFALO.

Since last you heard from Buffalo we have had one of those old-fashioned snow storms that uncle tells about; three feet on the level is pretty good for Buffalo, but it was far eclipsed by our neighbor, Rochester. Since the streets have been passable business has been fairly good, and judging by one man, very good. "How is business, Mr. Anderson?" "Fine! grand!" Flowers of all kinds are very plentiful and prices have and will take a tumble. Violets particularly will soon be overdone.

In company with W. J. Palmer, Sr., the best of companions, for he has not those periodical and frequent attacks of thirst which afflict many, we journeyed over to Toronto to participate in their first Canadian carnation show. They might have had an impromptu show before, but this was the first attempt at an exhibit on a large scale, and it was a very successful one. Your Toronto correspondent will doubtless report it in full and I have no wish to encroach on his domain, but will only mention a few things that impressed me.

Everything was there, new and old. The only absentee was "666," and that was not there, much to the regret of Messrs. Dailedouze. It was very noticeable that several varieties showed up in better and fresher form than at Buffalo, notably Ethel Crocker, from Albert Herr. The Marquis was never seen larger, brighter or with a finer form and stem. Mrs. Lawson was in magnificent form, and so was the glorious Enquirer and Estelle. If these two turn out good growers and free they must displace several varieties now held in high esteem. The scarlet Estelle is a winner. Miller & Sons

staged Lady Van Horne and Lady Minto in fine form and several good seedlings. All the flowers kept well and the show was a success.

The observed of all observers was a vase of the new rose "Liberty." We have seen this rose on several occasions and thought that it would supersede Meteor, which requires so much heat in the winter, but what we had seen of it before gave us but a poor conception of it. Whether these two dozen blooms were the pick of thousands we can't tell, but if they were it only shows its possibilities; stems 30 inches long, flowers as large as American Beauty and color the richest, warmest crimson. As shown there, as far as our commercial roses go, it is Liberty first and the rest nowhere.

A pleasant reunion of members and their friends took place at the close of the show and as genial Park Supt. Chambers, who was toastmaster, said: "We know how to make a show a success. Let it be free to the public and you will get lots of visitors." We found that to be the case in Buffalo, but our labor is not all in vain. We are educating the public, our goods are a perfect luxury, and some time and money spent in showing the public eye our beauties is well spent. Patriotic toasts were prominent and the visitors were duly honored.

If anyone wants to see automatic stoking they should visit the mammoth establishment of Harry Dale. The only manual labor from the time the coal is put into the coal shed in the fall till it is dumped as ashes into wagons for carting away, is taking out the ashes from under the fires and shoveling them into a hopper. The coal shed or cellar looked to me as big as the hold of an ocean steamer, but Harry says it only holds thirteen hundred tons. Everything on the place looks fine, particularly of course the leading article, roses. A 600-foot house of Maids in fine order is certainly a great sight. Mr. Dale, like John Dunlop, has all the latest built houses, ventilated by the hydraulic automatic system, and they greatly approve it.

Mr. Dunlop's place is in most excellent order. Strange that both he and Harry Dale can grow such magnificent roses under butted glass! Two houses of Beauties at Dunlop's are particularly fine, 5 and 6 ft. stems and scarcely a blind one. You see here in this great field of glass two roses that are no longer generally grown, and yet both are beautiful and distinct, viz., Wootton and Morgan, both grand roses when well done and not difficult to do. He says the demand for them is excellent, and so it ought to be. How is it that Carnot and other hybrid teas show a decided inclination to want to rest during midwinter, while Wootton, which is American bred and the most perfect of hybrid teas, is the freest possible rose the year round?

There are many things about both these large places that are worthy of mention, but space forbids. Among them is the thought, Where does the

enormous cut of these places go? Canada is not all backwoods and there are hundreds of small towns and cities that look to Brampton and Toronto for their supply. At each place there was a gang of men with sharp knives, grafting plump flowering wood on Manetti stocks. Other strong grafted plants were being shifted into 4-inch. They both agreed that for a strong, vigorous growth and early crop the grafted plants far surpass the ordinary cuttings.

On my return I found that a half-tamed Buffalo bison had attempted to gore old Sam Degraw, and that Sam in return had seized him by the horns and nearly twisted off his woolly (?) head and now he is quite tame and seeks for perfect peace and reconciliation.

W. S.

CHICAGO.

The Market.

The supply is about the same as last week in volume and everything is moving freely except weak stemmed carnations, particularly colored ones. In fact, there is little call for short stemmed colored flowers of any kind.

Business has kept up remarkably well since Lent began and the season of sackcloth and ashes seems to have had no appreciable effect on the general call for flowers.

Tulips are plenty and are moving fairly well, though at low prices. Violets are in the dumps in spite of the fact that weather conditions are favorable, and we hear dealers express the fear that many people are tired of them. Prices now range from 30 to 50 cents a hundred, while some are cleaned up as low as 5 cents a bunch. Double daffodils seem to average rather poor in quality. They sell, but at low figures. There are a good many callas in the market and demand is not very brisk.

In Beauties, medium lengths are in best demand and it is found difficult to move the extra long at the extra price.

Bentley & Co. are receiving some fine Princess of Wales violets that sell well at a good price.

Kennicott Bros. Co. show a fine lot of mahonia leaves. This is an admirable decorative material and will certainly be widely used when well known.

Various Items.

The Schiller greenhouses at Niles Center have been purchased by Mr. John Brod and they will be in future conducted by his son.

Sam Pearce has an unusually fine lot of Easter plants. Lilies and Crimson Rambler roses are in extra good shape. A lot of carried over azaleas are remarkably good. He also has a splendid lot of spring stuff in fine condition.

Mr. N. H. Gano, for some years past with Peter Reinberg, at Summerdale, has removed to Martinsville, Ind.

Recent visitors: Walter Mott, representing H. A. Dreer, Philadelphia; Wm. Sharpe, foreman for Samuel Murray, Kansas City; Aug. S. Swanson, St. Paul; John Bertermann, Indianapolis; E. R. Sackett, Fostoria, O.

The Florists' Club will hold a regular meeting at 40 Randolph street tomorrow (Friday) evening. The subject for the evening is "Bulbs," and an interesting discussion is promised.

We hear of quite a few lilies coming blind.

There was no quorum at the meeting of the bowling club last Friday evening. The club has withdrawn from the local league. It is hoped that the promised visit of the St. Louis bowlers will waken up things a bit.

Geo. Piepgras has leased a part of E. C. Amling's new place.

ST. LOUIS.

Club Meeting.

The regular monthly meeting of the Florists' Club was held March 8th, at Odd Fellows' hall. The meeting was well attended and the proceedings were of much interest to those present. Although it was our annual rose meeting there were very few exhibits. E. G. Asmus, of West Hoboken, N. J., exhibited his famous rose, Liberty, which attracted much attention and was pronounced the best red rose on the market. W. J. & M. S. Vesey, of Fort Wayne, Ind., showed two fine vases of well grown Brides and Bridesmaids. Fred Ammann had a vase of his fine Meteors and Frank Fillmore a vase of mixed roses.

The exhibition committee made their final report and they were ordered to pay the money on hand, and the money made at the euchre, to the prize winners at our late show.

The committee appointed to draw up resolutions in memory of our late brother, John M. Jordan, read the following:

Resolutions in memory of Mr. J. M. Jordan, by the committee appointed by the St. Louis Florists' Club:

WHEREAS, death has removed from our midst Mr. J. M. Jordan, a member of this Club, and

WHEREAS, in the demise of Mr. Jordan the Club has met with irreparable loss, and

WHEREAS, the deceased was known to us as a man of sterling worth, as a good neighbor and citizen, Mr. Jordan has ever exemplified the highest qualities,

THEREFORE, be it resolved, that his memory will ever be cherished, an example of faith, friendship and true nobility, an inspiration of public fidelity, so to have lived and so to have died, is not to have lived and died in vain. The St. Louis Florists' Club mourns with a host of friends his taking off. To his bereaved wife and family we extend our deepest sympathy in this their hour of affliction. In the memory of the nobility of his character, the faithfulness of his private and public life, and the sincere attachment of the vast host of friends who with them mourn, may they find some sunshine of consolation to lighten the darkness of the present gloom.

Be it further resolved, that these resolutions be spread on the minutes of this Club, and that a copy of same be transmitted to the bereaved family.

A. S. HALSTEDT, Chairman.
C. C. SANDERS.
R. F. TESSON.

Ed. Walters, of South St. Louis, was

elected a member of the club by a full vote.

Committee on next year's show was given until next meeting to make their report. A recess was taken to inspect the roses. Fillmore, Herzog and C. Beyer were appointed judges. The club's prize of \$5 for the best vase of roses went to Mrs. Vesey, of Fort Wayne, Ind., for a vase of Bridesmaids, very fine. Mr. Asmus' vase of Liberty, not for competition, was given a certificate of merit. Fred Ammann's vase of Meteors was given special mention, also Frank Fillmore's vase of mixed roses.

The trustees were ordered to have an essay for the next meeting without fail.

The meeting then adjourned to meet again on Thursday afternoon, April 12th, at 3 p. m.

The Market.

Trade in the cut flower line has been very good the past week. The fine weather the latter part made stock more plentiful and prices went down a little. Judging from the way the weather opened this week, prospects are good for a warm, bright week, with plenty of stock for everybody. From all reports there will be an abundance of stock of cut flowers and plants for Easter.

Commission men report business good and have been selling out every day, the early part of the week, but later they had some left for later sales. But very little stock is going to waste, except a few Dutch hyacinths or some southern violets.

Carnations are still holding up and are none too plentiful.

The best of roses are now sold at from \$6 to \$8 per 100, but the bulk go at \$4 and \$5 and are at their best, fine in color and foliage. First class Beauties are still scarce and in good demand at \$6 per dozen; shorts at from \$1 to \$2 per dozen. Carnations, Day-break and Scotts, are very fine at \$2 and \$2.50. Whites the same; all other varieties bring no less than \$2 and are in good demand. Harrisii and callas sell well and bring from \$10 to \$12.50 per 100; Dutch hyacinths, daffs, Romans and tulips sell at \$2 and are quite plentiful.

Next week several large millinery houses will have their openings and no doubt keep some of our florists on a jump with decorations of plants and cut flowers.

Notes.

Visitors the past week were Dr. Halstedt, E. W. Guy and Adolph Fehr, of Belleville, Ill.; F. J. Ammann, Edwardsville, Ill., and Henry Johan, Collinsville, Ill. All spent a day with the trade and attended the club meeting in the afternoon.

Mr. Johan reports that he will build a new residence and a new greenhouse for carnations this summer. Messrs. Guy and Fehr report business good in Belleville. Fred Ammann reports that

he has so many orders for Perle cuttings that he can hardly fill them all. His advertisement in the Review for his famous Perle stock did the business.

A Mr. Potts, who claims Chicago as his home, will open a floral store at 3838 Finney avenue. We welcome you, Mr. Potts, to our city.

Ellison & Tesson, through R. F. Tesson, reports that business with them has been of the best since the first of the year, with work of all kinds.

J. W. Kunz (better known as the old sport) reports good business. John's show windows are always very attractive to passers-by.

Joe North, of North Floral Co., reports that their cut of California violets and carnations is the largest they ever had, and the demand good.

August Schuermann, of the Schuermann Floral Co., will leave this week for Webb City, Mo., to decorate a large summer resort at that place.

Wm. Bouche, the landscape gardener, will soon leave to lay out several new summer resorts in the west.

The Schisler-Cornell Seed Co., on Saturday, March 10, sold their stock of field and garden seeds at underwriters' sale. Quite a number of florists were in attendance.

The Engelman Botanical club will give the third exhibit of the season on next Saturday afternoon and evening in the Board of Education building. The subject of the exhibit is "Winter Botany." The collection will be large and interesting and has been carefully classified. Efficient persons will be in charge of the exhibit to explain its significance to the uninitiated.

Bowling.

The bowling club had a better attendance Monday night. The challenge of the Chicago Florists' Bowling Club was accepted and the latter part of the month was decided upon to visit the Chicago boys. Any of the florists wishing to go can call up President Kunz or Secretary Beneke at once, so we may know how many are going. Four games were rolled and some very good scores were made, and the Chicago boys can look at the following scores:

	1.	2.	3.	4.	Tot.	Av.
C. A. Kuehn.....	192	156	155	179	682	170½
J. J. Beneke	149	204	153	162	668	167
C. C. Sanders.....	177	194	158	129	658	164½
J. W. Kunz.....	146	117	137	162	562	140½
F. C. Weber.....	154	146	104	140	544	136
John Young .....	...	111	166	92	369	123
F. J. Fillmore.....	125	121	119	106	470	117½
J. J. B.						

BALTIMORE.

Surprise may be occasioned those who think of this as a southern city, still cherishing the prejudices thought inseparable from that section, to learn that one of our florists here doing a volume of trade which puts him 'way up on the list, is a colored man, and that he is a veteran in the craft, fully up to the requirements of modern trade, with several specialties, and possessing skill in adapting himself to the changing demands and fancies of

the retail business of a modern city. This is J. H. Siddons, whose experience as a gardener began, as he tells us, when he was a boy of eight years, and with his father's family was daily engaged in growing out-of-door stuff. Back as far as 1866 he commenced to sell flowers in the markets and on the streets, and his business has steadily enlarged ever since, until now he keeps two stores, one on Myrtle avenue and the other at the corner of Pennsylvania avenue and George street, both of which are doing a good business.

Mr. Siddons does not own any glass, but he is amongst the heavy purchasers at the Florists' Exchange. The convenience of this medium of exchange between growers and retailers is much commended by him as he recalls his daily journeys years ago through the country, north, south, east, and west, to secure his necessary supplies. At that time, when it was the vogue, he kept from ten to twelve boys constantly on the streets selling buttonhole bouquets and small bunches of flowers. In this way he used thousands and thousands of pansies, violets, stocks, and other flowers every week. This trade has absolutely faded away, and many growers feel the loss of the output of this class of flowers.

Mr. Siddons has the call on the ever-green and wreathing trade in this vicinity and when large decorations are in the market his aid is always invoked. At both his establishments he does an active traffic in designs for weddings, funerals and festive occasions, and in cut flowers; nor must it be supposed that his dealings are restricted to people of his own race, for quite two-thirds of his business is with white people.

Mr. Siddons stands well in this community, is esteemed as honorable and honest in his dealings, and respected accordingly. He served in the army during the civil war, and for several years has been on the department staff of the Grand Army of the Republic. As an example of the thrift and success of one of his race, we think he deserves this mention to the trade.

Various Notes.

Mr. Philip B. Welsh, one of our young and enterprising florists, has been unfortunately on the retired list for several weeks from the effects of a severe surgical operation, but he is now on the road to convalescence, to the gratification of his many friends.

The white Maman Cochet rose will be largely planted here this season. One firm will set out three thousand plants for blooms for its store trade. Other growers have large quantities which will be in full flower, notably Messrs. Moss, Bauer and Rider. This fine rose, which is full, long stemmed and handsome in contour, with a beautiful blush in early autumn, has come to stay for out-door white flowers in summer.

The Golden Gate rose is growing rapidly in popular estimation in this locality. As the season advances, it is throwing splendid blooms on long, stiff stems, and the delicious fragrance of the flower and its lively tints combine to give it a place amongst the standard varieties. It is selling now at about the same figure as Bridesmaids and is a welcome variety for the long, unbroken monotony of Brides and Maids. Mrs. Charles Held, whose trade is proverbial for demanding fine stuff, is using great quantities of this rose and with great satisfaction.

It is said that one of our decorators, who recently lost heavily on plants used to adorn a church, by reason of frost penetrating the edifice, has directed suit to be brought against the trustees for \$100, the sum he alleges he lost by reason of injury of his palms and other foliage plants. We hear of another florist who gave the carter handling his plants too much latitude as to bringing them back home from a decoration, and by that worthy's error of judgment is suffering a loss estimated at about the same sum. Both instances point to the importance of personal attention to such vital matters.

The usually accurate compositors on the Review failed to correctly decipher the hieroglyphics of your correspondent's last letter, and the bright and energetic foreman of the Halliday Bros., for whom their new carnation is named, was transformed from Mack Richmond into Mack Raymond, and John L. Hogarth, who is up-to-date and very much alive, was said to have been formerly known to the trade, when it was written that he was favorably known to it—he coming from a family whose members have been gardeners for several generations.

The market for cut flowers for the week ending today (March 12th) was fairly active. There was some sagging the first two or three days and prices gave way, but later roses were in good demand and figures recovered, whilst carnations were not enough in evidence to meet all demands. In fact, one grower remarked in our hearing that at his place the buyers were sitting around on the hot water pipes waiting for the flowers to open out. This season, as in every season, the old truth is taught again and again, which so many know and so few follow, that good stuff is always in demand, whilst it does not pay to fall into the ranks of the great army of mediocre qualities!

The Gardeners' Club at its annual meeting tonight elected the following officers for the ensuing year: President, Robert Halliday; vice-president, N. F. Flitton; secretary, John J. Perry; financial secretary, Harry Ekas; treasurer, Fred Berger; librarian, John Wagner. After the meeting the usual banquet was enjoyed, toasts were proposed and speeches made, Edwin A. Seidewitz acting as toastmaster.

RIX.

SAN FRANCISCO.

The Market.

The past week has been a wet one. The rains are with us once more and business remains quiet. All kinds of stock is coming in more plentiful and prices are commencing to drop somewhat.

A slight improvement can be noticed in the quality of American Beauties coming in and it is to be hoped they will keep it up right along. Calla lilies are now in full bloom and large quantities could be cut if a use could be found for them. However, they will be in demand at Easter, when other blooms are not so plentiful.

Our farmers and fruit growers all over the state feel happy over the recent rains, as in some counties the moisture came just in the nick of time. All kinds of fruit trees are in bloom and if the frosts hold off the indications point to a heavy crop of fruits all over the state.

Prices: American Beauties, \$1 to \$4; Brides and Bridesmaids, 50 to 75 cents; Testouts, 75 cents; Perles, 50 cents; Siebrechts, 50 to 75 cents per dozen. Carnations, Hobarts, \$1; Crockers, 75 cents; Schwerins, 50 cents; fancy mixed, 35 cents; Scotts, 20 cents; Portias, 15 to 20 cents per dozen. Harrisil, \$2 to \$3.50 per doz; daffodils, 75 cents to \$1 per 100. Violets, Princess of Wales, 50 to 75 cents; Californias, 40 cents; double violets, 50 cents per dozen bunches; lily of the valley, 35 to 50 cents per dozen; smilax, 5 cents per string; asparagus, 10 cents per string.

Various Notes.

Mr. Frank Peterson, Mr. Lacazette's able partner, is making quite a reputation as a maker of floral pieces and some work done by him lately would be hard to beat. Symnacopulus called for his services this week on some funeral work that gave satisfaction. If Mr. Peterson keeps on at this rate he will soon be champion of the world "and other places."

A. Danhem, Powell street, San Francisco, has given up his florist business and will try some other means of making a living.

The California State Floral Society held a meeting on March 9th at Occidental Hotel parlors. A few seasonable exhibits were made by the members. Mrs. H. P. Tricon is secretary, and E. E. Smith, president. J. N.

CLEVELAND.

On a recent flying trip around town we called upon A. Graham & Sons. Found everything in its accustomed good order. Lilies coming in about right for Easter, while a good batch was in bloom. Mr. Graham calculates that about one-fourth will be lost through the disease. All other Easter stock was coming along nicely. Carnations were looking well, and were blooming freely.

Our next stop was in Painesville, where we visited the Storrs & Harrison Co. Business thrift and order

dominate every department here and make this establishment always a profitable place for the florist to visit. Large quantities of young roses in 2 and 3-inch pots and a number of spacious houses were devoted to them especially. They enjoy a heavy catalogue trade, besides much commercial business. Mr. Robert George, who has charge of the plant and seed departments, is always ready with his quietly expressed thoughts and suggestions, which are valuable as they are the result of close study and analysis, and which makes the time of the florist visitor pass quickly and profitably.

In one of the first houses visited a mass of Gloire de Lorraine begonia in flower was an impressive object lesson, and we predict a large sale for this new favorite next season. They were working up a large stock of it. The new geraniums were here in large numbers; but very few were in flower, so could not judge them in their individual bloom. As our time was limited we only looked into the forty greenhouses which comprise the establishment.

Herman A. Hart's place is another orderly, well kept plant. Hart believes in order firstly, secondly, and thirdly, and his belief is practically carried out. Easter stock looks well, but some of the lilies show the same disposition to disease as elsewhere. A fine batch of primroses and cinerarias were in flower, and other promising stock was coming on.

The stores are looking very brilliant just now. J. M. Gasser is cutting very fine carnation blooms, some of the best coming into the city. Some very well done azaleas, lilacs and rhododendrons in pots were recently noted in his window, which is always attractive, with choice stock always in evidence.

Smith & Fetters, on the opposite side of the street, always have a pretty and attractive window display, and they carry a choice stock of flowers. For Washington's birthday they got up a unique decoration of Jerusalem cherry trees which were well berried, and clusters of the same branches arranged with hatchets tied with narrow cherry ribbons. It makes a much more effective simulation of the cherry tree episode than Ardisia crenulata does, which is generally used for this purpose. This firm believes in ribbons, and immense, stunning bows are used in profusion on bouquets, baskets and plants. Their choice valentine boxes were tied with pink taffeta ribbon, No. 30, two separate bands around and tied in swell bows.

Mrs. Ella G. Wilson used real apple blossoms in a wedding decoration. They were forced into bloom especially for the occasion lately. Bulbs, azaleas, smilax and a batch of lilacs are all in first class condition at this place.

Wm. Brinker has recently doubled his store room capacity, and expects to do a large business this year in seeds and florists' supplies.

E. G. W.

R. C. Carnations. Closing Out Prices.

	Per 100
Mrs. Thos. W. Lawson.....	\$12.00
Olympia.....	12.00
Genevieve Lord.....	9.00
John Young.....	1.00
White Cloud.....	2.00
Mrs. Bradt.....	3.00
Gold Nugget.....	2.00
Argyle.....	.75
Armazindy.....	.75
Flora Hill.....	1.00
America.....	3.00
Melba.....	2.00
Glacier.....	2.50
Maud Adams.....	2.00
Empress.....	.75

	Per 100
Psyche.....	\$.75
Mary Wood.....	3.00
Morning Glory, light pink.....	6.00

Unrooted Carnation Cuttings.

G. H. Crane, side cuttings, fine.....	2.00
Glacier.....	1.50
Mrs. G. Bradt, ".....	1.50
Melba, ".....	1.50
Gold Nugget, ".....	1.00
Flora Hill, ".....	.50
Mary Wood, ".....	1.50
White Cloud, ".....	1.00
America, ".....	1.75

Above Unrooted Cuttings prepaid by mail.

PLANTS--ALL GOOD STOCK.

	Per 100
Geranium De Roo Mitting.....2½-inch....	\$7.00
" Double Snow Drop .. ".....	7.00
" Mme. Sallerol..... ".....	2.00
" Named, our selection only, 2½-in.	2.00
New Yellow Baby Primrose, in full bloom, 2½-in.....	7.00
Salvia Clara Bedman .. ..2½-in.....	1.50
Coleus, named.....	1.50
Petunias, double, mixed, fine, ".....	2.00
" 8-in.....	3.00
Primula Obconica, in bloom, 3½-in.....	3.00
" Chinese, ".....	2.50
" 2½-in.....	1.00

	Per 100
Primula Chinese, from flats.....	\$.50
Begonias, flowering, 12 named, var., 2½-in....	1.50
Forget-Me-Not, winter flowering, ".....	1.50
Iresines, red and yellow.....	1.50
Mesembryanthemum, basket plant, ".....	1.50
California Moss, ".....	1.50
Lobelia, Crystal Palace Gem.....	1.50
Feverfew, Little Gem.....	1.50
" yellow foliage.....	1.50
Cigar Plant.....	1.50
Abutilon, mixed.....	1.50
Roses; Bride, Bridesmaid and Perle, ".....	2.00

THE MORRIS FLORAL CO., Morris, Ill.

Mention The Review when you write.

WANT ADVERTISEMENTS.

Advertisements under this head 10 cents a line, an average of seven words to the line.

WANTED—An experienced florist and landscape gardener. Must be thoroughly competent, industrious, reliable and sober. Give experience and reference. State wages including board. The Oxford Retreat Co., Oxford, Ohio.

WANTED—An experienced propagator; must give good reference; \$40.00 per month for first year. Address at once, Greene & Underhill, Watertown, N. Y.

BOYS! If in your vicinity there is a private gardener or grower, you can make pin money easy talking "Tobacco Whale Oil Soap" to him. Write for particulars. H. A. Stoothoff, 116 West St., New York City.

SITUATION WANTED—Gardener and florist of 5 life experience desires situation to take care of gentleman's private place. Understands care of vegetables, lawns, greenhouses, etc. Good reference. Disengaged April 1st. Address, stating wages, etc., James G. Marsh, King's Park, L. I., N. Y.

FOR SALE—Florist's refrigerator; cost \$175; will sell for \$75 cash; just as good as new. Write for particulars to Lewis Ullrich, 181 Sycamore St., Tiffin, Ohio.

LANDSCAPE ENGINEER.

Plans for Gardens and Parks Drawn to Order, India Ink or water color. Business advice in floriculture and horticulture. **P. A. H., 500 33rd Avenue, Denver, Colo.**

FOR SALE.

102 acres of fine land, part cultivated.....	\$2,800
Lot 52x241, four Greenhouses, Sheds, etc....	3,700
¾ of an acre, city property, Greenhouses well stocked, fine condition, bargain....	3,700
Lot 100x125, five Greenhouses stocked, fine dwelling.....	4,800
25 acres; good shipping center, S. uthwest, fine Orchards of pears, cherries, etc....	6,500
60 acres, 88 acres in fruit, six Greenhouses, well established business.....	7,500
7 acres, seven Greenhouses land highly cultivated, large dwelling.....	9,500

Any of the above named properties is a bargain and those desiring to purchase will do well to communicate with us. These are only a few of the properties that we have for sale and leasing.

SMITH & SMITH, 345 Sixth Ave., PITTSBURG, PA.
P. O. Box 869.

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CYCLAMEN

2½-in. and 3-in. pots, \$5.00 per 100.

Nathan Smith & Son, Adrian, Mich.

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...MAMMOTH VERBENAS...

Mammoth Verbenas, large rooted plants, 60c per 100, \$4.50 per 1000. Cyclamen, 3-in., \$5 per 100; in bud and bloom, 4-in., \$1.25 per doz. Stocks, white or mixed, double, 2-in., \$1.50 per 100.

Rooted Cuttings—Dble. and single Petunias, mixed, \$1.00 per 100. Lobelia, \$1.00 per 100.

SAMUEL WHITTON, 15-17 Gray Ave., UTICA, N. Y.

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MARIE LOUISE VIOLETS.

10,000 strong rooted cuttings from sand, clean and in fine condition. If not satisfactory, pack carefully and return them to me and your money will be cheerfully refunded. These cuttings were intended for my own use, but got no room, so they must go, and those who get them will be well pleased. The above cuttings I will sell at \$10 per 1000. Also got rooted Runners for \$6 per 1000. Cash, please.

C. LAURITZEN.

Rhinebeck on the Hudson, N. Y.

Mention The Review when you write.

PREPARE... ...ADVS. NOW FOR THE Special Spring Number

OF THE

FLORISTS' REVIEW

To be Issued April 5, JUST 10 DAYS BEFORE EASTER.

E. H. HUNT

THE "OLD RELIABLE" FOR

**Wholesale
Cut Flowers**

Hunt's Flowers Go Everywhere.

76 Wabash Ave. CHICAGO.

Mention The Review when you write.

WASHINGTON.

Business for past week has been very good. Roses of the finest grade were sold out clean every day, but poor stock found no sale at any price.

Violets are a drug on the market, and it is really surprising how low they are sold. Lady Campbell sold all the week from \$1.50 to \$2 per 1,000. Fakirs sold them on every corner from 10 to 15 cents per bunch of 50. Bulbous stock can be bought at any price, but roses still hold out at 8 to 10 cents for best grade, poprer stock from 2 to 4 cents; carnations, 1½ to 2 cents; Lilium Harrisii, 8 cents; callas, 8 cents; mignonette, 4 cents; Romans, 2 cents; tulips, 1 to 3 cents.

The windows of J. L. Loose, Gude Bros. and Z. D. Blackstone were handsomely decorated with Beauties and violets for the past week. The above firms report fine business.

Mr. Eschner, of M. Rice & Co., Philadelphia, called this week.

F. H. KRAMER.

DENVER, COLO.

The bowling club rolled three games March 6th. The scores are as follows:

	1st.	2d.	3d.	Av.
John Berry	156	199	209	189
A. E. Mauff	189	225	125	180
M. Bloy	142	196	195	178
Robt. Kurth	187	208	182	174
Chas. Granz	167	186	168	173
Chas. Thless	163	180	175	173
Chas. Mauff	168	149	179	165
Ed. Emerich	136	180	121	146
J. A. Valentine	144	113	171	143
A. N. Benson	140	125	157	141
John Smith	106	144	137	126
Geo. Zimmer	110	123	131	121

J. B.

SALT LAKE CITY, UTAH.—The Sugar House Floral and Seed Co. has been incorporated with a capital stock of \$6,000. Leo Dannenfelzer is president; Herman Schwarz, treasurer and secretary; Simon Heinecke, vice-president and manager, and John A. Peters and Martin Grimm are the other directors and shareholders.

OMAHA, NEB.—As the result of a fire in a neighboring building, the stock of the Nebraska Seed Co. was badly damaged by smoke and water.

FENTON, MICH.—George Bridson, the florist, is dangerously ill with pneumonia.

**McKELLAR & WINTERSON'S
Modern Supply House**

is the place to buy your CUT FLOWERS, SUPPLIES, SEEDS, etc. MASSACHUSETTS FANCY FERNS, per M, \$1.50; 5 M lots, \$6.25. Now Ready....CARNATION CUTTINGS, VIOLET PLANTS, FORCING ROSES, YOUNG STOCK OF ALL KINDS.

WESTERN AGENTS FOR

Imperial Plant Food and Fertilizers.

For prices, etc., see our new catalogue.

McKELLAR & WINTERSON, 45-47-49 WABASH AVE., CHICAGO.

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Bassett & Washburn

76 Wabash Ave., CHICAGO, ILL.

Wholesale Growers of and Dealers in **CUT FLOWERS**

Greenhouses at Hinsdale, Ill.

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500,000 feet of Glass.

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In our new and enlarged quarters we are better prepared than ever to handle your orders.

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WHOLESALE GROWER OF ROSES. DEALER IN CUT FLOWERS.

J. A. BUDLONG,

37-39 Randolph St., CHICAGO, ILL.

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Maplewood Cut Flower and Plant Co. GEO. M. KELLOGG, Pres.

Growers of CUT FLOWERS at Wholesale.

Regular shipping orders given special attention. We have the largest plant west of Chicago.

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WIETOR BROS.Wholesale Growers of **Cut Flowers.**

All telegraph and telephone orders given prompt attention.

51 Wabash Avenue, CHICAGO.

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C. A. KUEHN WHOLESALE FLORIST

Cut Flowers and Florists' Supplies.

Manufacturer of the Patent Wire Clamp Floral Design. A full line of supplies always on hand. Write for catalogue and prices.

1122 PINE STREET, ST. LOUIS, MO.

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**H. Berning**

WHOLESALE FLORIST,

1322 Pine Street, ST. LOUIS, MO.

Mention The Review when you write.

ELLISON & TESSON,

WHOLESALE SHIPPING

FLORISTS

3134 Olive Street, ST. LOUIS, MO.

...Home Grown Stock...

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Cincinnati Cut Flower Co.

416 Walnut St. CINCINNATI, O. Wholesale Florists

Consignments Solicited. Special Attention Given to Shipping Orders. Mention The Review when you write.

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We are the Oldest, Largest and Most Reliable Cut Flower Commission House in the West.

CUT FLOWER PRICE LIST.

American Beauty, long...	per doz	\$5.00 to \$8.00
" " medium "	"	8.00 to 4.00
" " short "	"	1.00 to 1.50
Per 100		
Bride, Maid, Meteor		\$ 5.00 to \$ 8.00
Perles		2.00 to 4.00
Carnations, fancy		8.00 to 4.00
" common		1.00 to 2.00
Callas and Harrisii		10.00 to 12.50
Tulips		2.00 to 5.00
Daffodils		2.00 to 5.00
Violets		.40 to 1.00
Smilax		10.00 to 15.00
Adiantum		1.00

CARNATION CUTTINGS.

	Per 100	Per 10'0		Per 100	Per 1000
G. H. Crane	\$8.00	\$30.00	John Young	\$2.50	\$20.00
Mrs. Geo. M. Bradt	5.00	40.00	Cerise Queen	2.50	20.00
White Cloud	4.00	30.00	Jubilee	2.00	15.00
Maceo	6.00	50.00	Flora Hill	2.00	15.00
Gomez	5.00	40.00	Mayor Pingree	2.50	20.00
Glacier	6.00	50.00	Triumph	2.50	20.00
America	5.00	40.00	Daybreak	2.00	15.00
Gold Nugget	4.00	30.00	Evelina	2.00	15.00
Mary Wood	3.00	25.00	Wm. Scott	2.00	15.00
Melba	5.00	40.00	Albertini	2.50	20.00
New York	8.00	25.00	Meteor	2.00	15.00
Mrs. James Dean	3.00	25.00	Argyle	2.00	15.00
Mrs. Frances Joost	3.00	25.00			

Best Stock Always Shipped
Unless Otherwise Ordered.

KENNICOTT BROS. CO., 42-44 E. Randolph St.
CHICAGO.

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"A Stitch in Time Saves Nine"

To remember when ordering Cut Flowers that our stock at all times is Equal to the Best, may save you time, money and reputation.

E. C. AMLING,

WALTER S. HEFFRON, Mgr. 32-34-36 Randolph St., CHICAGO, ILL.

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BENTHEY & CO.

F. F. BENTHEY, Mgr.

WHOLESALE AND COMMISSION Florists. Consignments Solicited.

41 Randolph St. CHICAGO.

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E. G. Hill & Co.

Wholesale Florists,

RICHMOND, INDIANA.

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PANSIES...

.....WORTH RAISING

Good Plants by express, \$2.50 per 500;
\$4.00 per 1000. Seed as usual.

C. SOLTAU & CO., 199 Grant Avenue,
JERSEY CITY, N. J.

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ROSES.

To Clean Out,
for Room

\$3.00 per 100; \$25.00 per 1000.

Bride, Bridesmaid, C. Souper, Etoile de Lyon,
Climbing Meteor, Papa Gontier.

GERANIUMS—John Doyle and Heteranthe
\$4.00 per 100. Cash with order, please.

JOSEPH LAHR & SONS, Springfield, Ohio.

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ESTABLISHED 1802

THORBURN'S SEEDS

Our Wholesale Price List of

Choice Flower Seeds for Florists

is now ready. A post-card
will bring it to you.

We have still on hand some of our
LILY OF THE VALLEY PIPS,
The Finest that come to this Country.
Per 1000, \$10.00. Cases of 3000 at \$9.00 per 1000

J.M.THORBURN & CO.

(Late of 15 John Street)

36 CORTLANDT STREET, NEW YORK

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300,000 VERBENAS....

60 finest named varieties, including our
new mammoth white, Mrs. McKinley,
the finest white Verbena grown.

PERFECTLY HEALTHY. FREE FROM RUST.

Rooted Cuttings 0'c per 100, \$5.00 per 1000.

Plants \$2.50 per 100, \$20.00 per 1000.

Our list is the choice from millions of seedlings.
Send for list. J. L. DILLON, Bloomsburg, Pa.

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...SPECIAL... ROOTED CUTTINGS.

Choicest Varieties. Lowest Prices.
Finest Stock.

50,000 Carnations, standards, \$7.50 per 1000.
Descriptive list, 25 choicest up-to-date varieties.

Roses, strong, 2 1/4-in., Brides, Wootons, Kaisers,
ins, Meteors, Malda and Perles, \$3.50 per 100. Ele-
gant stock.

50,000 Verbenas, 20th Century collection, 33
Grand Mammoth varieties, the cream of all the latest
and choicest up-to-date, 60c per 100, \$5.00 per 1000.

50,000 Dble. Fringed Petunias, Henderson's
and Dreer's latest sorts. We all know that they lead
the world. \$1.00 per 100, \$8.00 per 1000. Strong, 2-in.,
\$2.00 per 100, \$18.00 per 1000.

Alyssum, strong 2-inch, 2 cents.

Geraniums, sweet scented, strong 2 1/4-inch, 2 1/2
cents; strong 2-inch, 2 cents. Mme. Sallerol, strong
2-inch, \$2.00 per 100.

Ageratum, Princess Pauline, the only one to
grow, \$1.00 per 100. Extra strong, 2 1/4-inch, full of
cuttings, \$2.50 per 100.

Salvia Splendens, no other so good, \$1.00 per
100. Extra strong, 2 1/4 inch, \$2.00 per 100.

Fuchsias, 6 best sorts rooted cuttings, \$1.50 per
100; strong, black and purple, 3c; strong, 2-in., 2 1/2c.

Smilax, 2-in., \$1.00 per 100; \$8.00 per 1000.

Lobelia, (trailing) indispensable for baskets, etc.,
strong, 2-inch, \$2.00; strong rooted cuttings, \$1.00
per 100.

Heliotrope, the choicest blue and white, rooted
cuttings, \$1.00 per 100.

Coleus, choicest varieties, rooted cuttings, 75
cents per 100.

Vincas, strong, 2 1/4-in., Major and Variegata, 3c;
strong, 2-in., 2 1/2c.

Cinerarias, extra strong, 2 1/4-in., 3c; 2-in., 2c.

Marguerites, New California Giant White, root-
ed cuttings, \$1.00 per 100; strong, 2 1/4-in., \$2.50 per
100. New Golden, same price, rooted cuttings and
pot plants.

Our wholesale descriptive list of specialties mail-
ed on application. Terms, strictly cash with order.
Small packages by mail.

SOUTH SIDE FLORAL CO., - Springfield, Ill.

Mention The Review when you write.

FINE STOCKY PLANTS

	Per 100
Alternanthera, yellow, \$1.75 per 100; red.....	\$2.00
Oxalis floribunda, 2-in. pot, fine for vases....	2.00
Geraniums, 2 and 2 1/4-in. pot, my selection....	3.00
Coleus, 2-in. pot, good assortment.....	2.00
Verbenas, 2 and 2 1/4-in. pots, good var.....	2.00
Vinca Vines, 2 and 2 1/4-in. pots.....	3.00
Centaurea Gymnocarpa, 2-in. pot, April 1....	2.00
Pansy Plants, in bud.....	1.50
Ageratum, 3 var., 2-in. pot.....	2.00

CASH PLEASE.

JOS. H. CUNNINGHAM, - Delaware, Ohio.

Mention The Review when you write.

GALAX LEAVES.

Chas. H. Ricksecker, Linville, N. C.

Mention The Review when you write.

SAMUEL S. PENNOCK. Wholesale Florist

{ Until further notice, will be open from }
6:00 a. m., to 11.00 p. m.

American Beauties and Valley Our Specialties. 1612-14-16-18 Ludlow St., Philadelphia, Pa.
Mention The Review when you write.

PHILADELPHIA.

The Market.

The lenten season has taken its effect at last and business is rather dull as a result; however, this was more or less expected. Light flowers sold very well, there being a number of funerals the past week. Violets have been a glut on the market, the street fakir making a specialty of them. Balls and social events seem to have become a thing of the past and will be likely to remain so for the next four weeks, hence sympathies are in order for the poor florist.

Prices.

Beauties, 75 cents to \$6; Brides, Maids, Golden Gates, Morgans, Meteors, Kaiserins, \$4 to \$10; Gontiers, \$3 to \$4; Perles, \$3 to \$6; carnations, ordinary, \$1 to \$1.50; fancy, \$2 to \$4; cypripediums, \$15; hyacinth, \$1.50 to \$4; valley, mignonette, \$3 to \$4; narcissus, \$3; daffodils, tulips, \$2 to \$4; sweet peas, \$1.50 to \$2.50; callas, \$10; violets, single, 25 to 50 cents; double, 50 to 75 cents; asparagus, \$50; smilax, \$15; adiantums, \$1.

Notes.

J. Stewart, late with Julius Wolff, Jr., has resumed his old position with Ed. Seidewitz, of Annapolis, Ind.

Chas. Fox, Sr., did the decorating for the wedding of Major Ashbridge's daughter, which took place the past week. It was a large event. Mr. Fox did the decorating at both the house and church. The reception was held at the Stratford Hotel. Mr. Fox reports it as being the largest affair he has had in many years.

Julius Wolff, Sr., has been very busy the past week with funeral work. He also reports having a number of garden orders on file.

Mr. H. C. Strobell, of the firm of Strobell Bros., Newark, N. J., favored us with a visit.

INDIANAPOLIS, IND.

The greenhouses of the Indianapolis Flower and Plant Co., corner of Thirty-fourth street and Central avenue, were seriously damaged by fire the morning of March 6th. The loss is estimated at \$5,000 on plants and \$1,000 on buildings, the latter being covered by insurance. The fire started in the boiler room in some unknown manner. W. J. Hasselman is the principal owner of the concern. The greenhouses will no doubt be rebuilt, though the destruction of the stock may cause rebuilding to be deferred for a time.

PITTSBURG CUT FLOWER CO., Ltd. WHOLESALE FLORISTS.

Long Distance
Phone 2167.

CONSIGNMENTS SOLICITED.

No. 304 Liberty St.,
PITTSBURG, PA.

FLORISTS' SUPPLIES.

Write for Price List.

Mention The Review when you write.

Asparagus Plumosus

Cut Strings
8 feet long.
50c per string.

Nanus

Shipped
to any part
of the country.

W. H. ELLIOTT,
BRIGHTON, MASS.

Mention The Review when you write.

Cabbage Plants,

Jersey Wakefield and
other varieties, from
cold frame transplant-
ed, 25c per 100; \$1.50 per 1000; \$12.50 per 10,000,
if by mail, add 20c per 100.

LETTUCE, Boston Market, Tennis Ball, Curled Simpson, Grand Rapids and other varieties, 15c per 100; \$1.00 per 1000; \$8.50 per 10,000, if by mail, add 10c per 100.

TOMATO, small plants for transplanting, in several varieties, 15 cts. per 100; \$1.00 per 1000.

PEPPER, small plants for transplanting, in several varieties, 25 cts. per 100; \$2.00 per 1000, if by mail, add 10 cts. per 100.

EGG PLANTS, New York Improved, for transplanting, 25c per 100; \$2.00 per 1000.

CHERRY, White Plume and Golden Self-Blanching, 15c per 100; \$1.00 per 1000.

Other Vegetable plants in season. Cash with order.

R. Vincent, Jr. & Son, White Marsh, Maryland.

Mention The Review when you write.



SAMPLES AFTER...

Choicest home grown seed. 1/4 oz. 25c; oz. \$1.00. In white, shell pink and lavender. Catalogue of all Flower and Vegetable Seeds for Florists and Market Gardeners, sent on application.

W. C. BECKERT,
Seedsman, Allegheny, Pa.

Mention The Review when you write.

A Good Thing

We must have room so let ferns take a drop.

We are offering fine assorted Ferns at \$2 per 100, out of 2 and 3-inch pots.

JOHN N. CHAMPION & CO.
1026 Chapel Street, New Haven, Conn.

Mention The Review when you write.

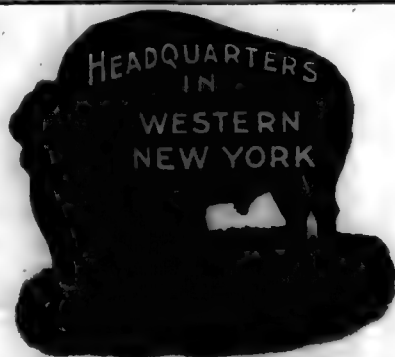
For Spring Planting. The Reliable new EVER-BEARING PEACH, also the ELBERTA and other choice varieties. JAPAN PLUMS, all the most approved sorts. Select assortment small fruits. Prices for above very reasonable. Address

MILFORD NURSERIES, - Milford, Del.

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GIVE US
A
TRIAL.
WE CAN
PLEASE
YOU.

Roses,
Carnations
and all
kinds of
Seasonable
Flowers
in stock.



W.M. F. KASTING, Wholesale Commission Florist.
481 Washington St., BUFFALO, N. Y.
Also Dealer in Florists' Supplies and Wire Designs.

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JOHN B. FERGUSON, Wholesale Florist,

444 Sixth Ave., PITTSBURG, PA.

LONG DISTANCE PHONE 2085.

We Command a Good Market.

Consignments Solicited.

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LONG'S CARDS. Easter Advertising. SOUVENIRS.

High Art and "business" combined. In style most refined and quiet, such as best customers will appreciate.

A variety is offered. Samples 10c in stamps.

DAN'L B. LONG, Publisher, BUFFALO, N. Y.

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Cut Flower Exchange,

404 - 412 East 34th St., New York,

NEAR THE FERRY.

Open Every Morning at 6 o'clock for the sale of CUT FLOWERS.

Wall space for Advertising purposes to Rent.

J. DONALDSON, SECRETARY.

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GOLD FISH and AQUARIUM SUPPLIES.

KEENAN'S
SEED
STORE.

6112 and 6114
Westworth Avenue,
CHICAGO

Mention The Review when you write.

...HEACOCK'S PALMS...



Choice **ARECA LUTESCENS**,
KENTIA BELMOREANA and
LATANIA BORBONICA.

All perfect and Symmetrical plants, alike on all sides, with every leaf perfect from the pot up. Grown especially for the decorator. They are as good, if not better, than any I have offered before. Prices are as follows:

ARECA LUTESCENS.

	Each
9-in. pot, very bushy, 5 feet high	\$ 5.00
12-in. pot, very bushy, 6 feet high	\$10.00 to 15.00
14-in. pot, very bushy, 6 to 7 feet high	20.00
15-in. pot, very bushy, 7 to 8 feet high	25.00

KENTIA BELMOREANA.

	Per doz.	Per 100
3-in. pots, 4 to 5 leaves, 10 to 12 in high.....	\$3.00	\$25.00
4-in. pots, 5 to 6 leaves, 15 to 18 in. high.....	6.00	50.00
6-in. pots, 6 leaves, 20 to 24 in. high.....	18.00	150.00

LATANIA BORBONICA.

	Each
8-in. pot, 8 leaves, 24 in. high by 36 in. wide.....	\$1.50
10-in. pot, 9 to 10 leaves, 30 to 36 in. high by 42 in. wide..	4.00

My packing is done in the best possible manner, and shipping facilities for both freight and express are unsurpassed.

A Trial Order is Solicited.

JOSEPH HEACOCK, - - WYNCOTE, PA.

Mention The Review when you write.

ROOTED CUTTINGS --- COLEUS.

Malticolor, M. James, Beckwith, Gem, Hero, Fitzpatrick, Gold Mine, Midnight, Whitelaw Reid, Miss Bliss, Amoretta, Wellington, Firebrand, Pink Gem, Firecrest, Spotted Gem, Mme. Hoyt, Blackbird, Rob Roy, Gloriosa, Brightness, Crimson Bedder, Speciosa, Klondike, The Belle, Progression, Purple Prince, Silver Leaf, Charming, Electric Light, Sport, Avondale, Salvator, Royal Mantle, Attraction, Othello, Hiawatha, Thos. Meehan, Progress, Queen of the West, The Dawn, Chas. Dickens, J. Goode, Charm, Leaves of Autumn, Mars, Varihills, 60c per 100 by mail; \$4.00 per 1000 by express. Verschaffeltii and Yellow, 70c per 100; \$6.00 per 1000. Giant Double Alyssum, 60c per 100; \$5.00 per 1000.

WM. H. SEARCH,
Avondale, Chester County, Pa.

Mention The Review when you write.

PREPARE ADVS. NOW

FOR THE

Special Spring Number

OF THE **FLORISTS' REVIEW**

TO BE ISSUED **APRIL 5**, JUST 10 DAYS BEFORE EASTER

Burpee's Seeds Grow

NORWAY MAPLES
1000, 8 to 10 feet.
500, 6 to 7 "
100, 1 to 2 "

IRISH JUNIPERS

500, 3 to 4 feet. 500, 2 1/2 to 3 feet.
500, 2 to 3 feet.

10,000 PEACH TREES,

General assortment.

This stock will be sold at very low prices in order to close out.

C. L. LONGSDORF,

OAK HILL NURSERIES,

Flora Dale, Adams Co., Pa.

Mention The Review when you write.

Send 50c or \$1 for
Samples and Prices of **ROSES**

Brides, Maids, Perles, Kaiserins, Woottons,
Golden Gate, La France, or

CERANIUMS in 3-in. Pots. Pink, Red,
White and Salmon.

GEO. A. KUHL, Pekin, Ill.

Mention The Review when you write.

Rooted Cuttings. Verbenas, 40 named
kinds, all the best, 60c
per 100; \$5.00 per 1000.

Petunias, 30 varieties, dbl., all good named varieties, \$1.25 per 100. Heliotrope, 15 named var., \$1 per 100. Coleus, 30 named var., 70c per 100; \$6 per 1000. Ageratum, 3 var., including P. Pauline, 70c per 100. Alyssum, dbl., \$1 per 100. Lantanas, 4 var., \$1.25 per 100. Salvias, 3 var., \$1 per 100. Fuchsias, in var., \$1.50 per 100. All cuttings guaranteed.

Express prepaid. Cash with order. Write

S. D. BRANT, Clay Center, Kas.

Mention The Review when you write.

ORANGE, N. J.

Mr. Samuel Henshaw, of the New York Botanical Gardens, addressed the society, March 7th, upon the flora of the West Indies. The speaker dwelt with praise upon the magnificent botanical gardens of Trinidad which are maintained by the British government, and where almost the entire tropical flora is represented.

The growth in this climate is something wonderful. Two palms, 2 feet 6 inches in diameter, which form the gateway to the gardens; an Eucalyptus globulus, same size of the palms, and an Acalypha tricolor 18 feet in diameter, were pointed out by the curator as having been raised in thumb pots only five years before. Among the commonest weeds are Tradescantia tricolor and discolor. In Port-au-Spain Mr. Henshaw counted six varieties of oxalis growing wild and twenty-one varieties of begonias. He found but few orchids. In the English possessions floriculture is cherished and tree growth encouraged, but the opposite has been the custom in the Spanish possessions, where a rich and varied timber growth has been almost destroyed. In Porto Rico, the Latania borbonica, the sensitive plant, ipomoea and thunbergia grow as weeds. It may be mentioned that among all this loveliness the boa constrictor, the alligator and the poisonous centipede also flourish.

In the business preceding the address, the committee appointed by the society at a previous meeting, to devise some method of advancing a knowledge of floriculture among the school children by the free distribution of plants for cultivation, with cultural directions, reported favorably upon the project, which was received with approval by the society. John N. May, W. A. Manda and others pledged a donation of rooted plants required.

It was decided to confine the experiment to the chrysanthemum and offer prizes for best grown of same. This was extended to also include the salvia, Mr. Manda adding one thousand of his variegated specialty to his first pledge. The plants to be distributed not later than May 15, and collected for judging and exhibition as a part of the society's fall show. The committee, J. B. Davis, J. C. Williams and John Hayes was instructed to report further details at the next meeting.

One new member was elected.

J. B. D.

SALT LAKE CITY, UTAH.—The B. C. Morris Floral Co. has been incorporated with a capital stock of \$9,000. The incorporators are J. H. McMurdy, of Cripple Creek, Colo.; V. V. Morris, T. Hobday, R. P. Morris, Clara M. Clawson, P. Cherrington, all of Salt Lake City.

EVART, MICH.—Shore & Haigh will build another 100-foot house in the spring.

CARNATIONS...

LARGE STOCK OF STRONG ROOTED CUTTINGS NOW READY

G. H. Crane, Morning Glory, Maceo, Glacier, Gomez, America, Red Mrs. Bradt (or Chicago), Mary Wood and other good standard sorts.

Mrs. Geo. M. Bradt for March delivery — all the early stock sold.

FIVE 1900 NOVELTIES.

Mrs. Thos. Lawson, Ethel Crocker, The Marquis, Olympia and Genevieve Lord. At introductory prices.

We make a Specialty of Rooted Cuttings, and have three houses of stock growing for that purpose only.

SEND FOR DESCRIPTIVE PRICE LIST.

F. DORNER & SONS CO., LaFayette, Ind.

Mention The Review when you write.

CARNATION CUTTINGS.

WRITE FOR SPECIAL DISCOUNTS AND LET US FIGURE ON YOUR WANTS.

	Cuttings			Blooms per 100
	Per doz.	Per 100	Per 1000	
Genevieve Lord, the peer of any light pink				
Carnation ever offered. From sand or soil:.....	\$2.00	\$10.00	\$75.00	\$1.00
Chicago, scarlet Bradt. From sand or soil:.....	1.50	7.50	60.00	4.00
Mrs. Lawson, cerise pink:.....	3.00	14.00	120.00	
Olympia, variegated. Extra strong, from soil:.....	2.00	12.00	100.00	
Ethel Crocker, pink. From soil:.....	1.50	10.00	75.00	
Marquis:.....	2.00	10.00	75.00	
Katelle:.....		10.00	75.00	

	Cuttings			Blooms per 100
	Per 100	Per 1000	Per 1000	
F. Joest, from sand or soil:.....	\$2.50	\$20.00	\$1.00	
Mrs. Dean, from sand or soil:.....	2.50	20.00	4.00	
John Young, from sand or soil:.....	2.50	20.00	4.00	
White Cloud, from sand or soil:.....	4.00	30.00	4.00	
Mrs. Bradt, from sand or soil:.....	5.00	40.00	\$4 to \$5	
Gen. Maceo, from sand or soil:.....	6.00	50.00	4.00	
Gen. Gomez, from sand or soil:.....	6.00	50.00	4.00	
G. H. Crane, scarlet:.....	6.00	50.00	\$4 to \$5	

	Cuttings			Blooms per 100
	Per 100	Per 1000	Per 1000	
Gold Nugget, from sand or soil:.....	\$2.50	\$20.00	\$1.00	
Argyle, from sand or soil:.....	2.50	20.00	4.00	
Jubilee, scarlet:.....	2.00	15.00	\$4 to \$5	
Armazindy, variegated:.....	2.00	15.00	2.00	
Evellina, white:.....	2.00	15.00		
Wm. Scott, pink:.....	2.00	15.00	2.00	
Daybreak, light pink:.....	2.00	15.00		
Flora Hill, white:.....	2.00	15.00	3.00	

Have Shipped 100,000 Cuttings This Season without a Kick.

CHICAGO CARNATION CO., Greenhouses and Address, JOLIET, ILL.

Mention The Review when you write.

ELM CITY A Grand New White....

Carnation

Seedling of Lizzie McGowan and Mme. Diaz Albertini, in its fifth year.

The flowers are large, finely shaped and of strong fragrance. Petals are heavy, of good substance and nicely fringed. Calyx is very strong, after the style of Mme. Albertini, and none bursting; the stem strong, holding the flower erect. The plant is a good grower and free bloomer, not subject to stem rot or any disease. Rooted Cuttings ready February 1st, \$1.50 per doz., \$10 per 100, or \$70 per 1000. Cash with order. We shall prepay the express where money accompanies the order. Orders filled in rotation.

M. E. KRAUS, 320 Davenport Ave., NEW HAVEN, CONN.

Mention The Review when you write.

GENEVIEVE LORD. The Peer of Light Pinks.

(Stock for delivery prior to March 20, all sold.)

The people know a good thing when they see it. If you haven't seen it ask someone who has concerning its appearance. It has proven itself the most popular selling carnation we have ever grown, and as it combines quantity with quality it is no surprise to know it is the most profitable we have ever grown.

Some of its Features: The finest stem of any carnation. The color is just right, the ladies go wild over it. It is large, grades easily as a fancy. Odor is very sweet. Form beautiful, calyx perfect. It is a perfect non-bursting carnation. Every grower will appreciate this. If you don't grow Genevieve Lord next winter your list will not be complete. Remember, stock is all sold until March 20. **PRICE: \$2.00 per doz., \$10.00 per 100, \$75.00 per 1000.**

Catalogue ready now containing full description of the above as well as the other big new ones and standard sorts. A postal card will bring it. Also complete list of new and standard Chrysanthemums.

H. WEBER & SONS, - - Oakland, Md.

Mention The Review when you write.

Ethel Crocker. Absolutely the Best Pink Carnation ever offered the trade.

A fact fully borne out by its record, being equally good with Craig, Hill and myself (an assurance that it is not a success in one soil and a failure in another.) By its having been shown at the flower shows and clubs since early in September (an assurance that it is not a good late carnation but an all season variety.)

In color, size, fragrance and stem it is just what the "storemen" want. In habit, constitution and freedom of bloom it is just what the grower wants. It produces more flowers to the square foot than any other known variety, and is never out of crop from September to July.

With 18,000 stock plants to work from there is no danger of it being overpropagated, and all orders entrusted to me will be filled with cuttings selected from the plants and also in filling the order, by myself, thus doubly assuring good stock. Honest sample blooms furnished prepaid at \$1.00 per dozen, amount deducted from all orders for 100 or over. Up to date every sample excepting one out of several hundred sent has brought an order.

Price per 100, \$10.00; per 25, \$2.50. Per 1000, \$75.00; per 250, \$18.75. **HERR'S PANSIES**, good little plants at 75c per 100; \$4.00 per 1000.

Price list of standard varieties ready now.

ALBERT M. HERR, Lancaster, Pa.

Mention The Review when you write.

Carnation Cuttings...

NOW READY.

Jubilee, White Cloud, Daybreak, Flora Hill and other standard varieties. Write for prices. We control the original stock of **MRS. CHAPMAN** the Grand Rapids pink sport of D. B.

CRABB & HUNTER, Grand Rapids, Mich.

Mention The Review when you write.

Prepare Advs. Now

FOR THE

SPECIAL.....

SPRING NUMBER OF THE FLORISTS' REVIEW

TO BE ISSUED **April 5,** JUST 10 DAYS BEFORE EASTER.

GOOD WEATHER

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Evanston ..	2.50	20.00
Jubilee ..	2.00	15.00
Gold Nugget	2.00	15.00
White Cloud	2.00	15.00
Flora Hill	1.50	12.50
Triumph ..	1.50	12.50
Victor ..	1.50	12.50
Daybreak ..	1.25	10.00
Argyle ..	1.25	10.00
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Our stock is in fine condition. Nearly all varieties transplanted in soil, ready for shipment now.

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We are now filling orders in order of receipt for rooted cuttings of the famous Mrs. Thomas W. Lawson, the \$30,000 Queen of Carnations. Prices to the trade only: Per dozen, \$3.00; per 100, \$14.00; per 1000, \$120.00; per 5000, \$500.00; per 10,000, \$800.00. Terms strictly cash or C. O. D. from unknown parties. Address all orders and make all remittances payable to Thos. F. Galvin, 124 Tremont St., Boston, Mass.

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Big cut to make room; good, clean rooted cuttings, Peach Blow, Scott, Bridesmaid, Rose Queen, 75c per 100; \$6.00 per 1000. Flora Hill, Jubilee, Triumph, Kohinoor, \$1.50 per 100. Albertini, Armazindy, Emily Pierson, \$1.25 per 100; any of above from 2-in. pots, 50c more. Cash with order.

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Now ready, rooted cuttings. Maceo, Glacier, \$6.00 per 100; Evanston, \$2.50 per 100; Jubilee, Armazindy, Victor, A. Webb, \$2.00 per 100; F. Hill, Daybreak, Dana, Meteor, Morello, Cartledge, \$1.50 per 100; McGowan, Bridesmaid, Eldorado, Pingree, Portia, Jahn's Scarlett, Scott, \$1.00 per 100.

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Strong, well-rooted plants from flats and soil. Wm. Scott, Eldorado, \$2 per 100; \$15 per 1000. Rose Queen, Thos. Cartledge, \$2.50 per 100; \$20 per 1000. McGowan, Mrs. Fisher, Portia, \$1.50 per 100; \$12 per 1000. Superior quality only. Cash with order.

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Sunset
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Souv. de La Malmalson
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Clothilde Soupert
Catherine Mermet
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Cornelia Cook
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Clarie Carnot
Carmine Pillar
Canary
Chas. Rovelli
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C'tesse Riza du Parc
Dr. Reymont
Dr. Grill
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Eduard Lettaye
Enfant de Lyon
Henry M. Stanley
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Joseph Metral
Jules Finger
James Sprunt
Leonie Osterreith
La Princess Vera
La Sylphide
Louis Philippe
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La Phoenix
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Souv. de Un Ami
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Clara Bedman, 2½-in., \$1.50 per 100.

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Seeds for the Florist and Market Gardener. Florist list mailed on application.

W. W. Rawson & Co., 12 & 13 Faneuil Hall Square, Boston, Mass.

Seasonable seeds. Primula, Pansy, Verbena, Daisy, Sweet Pea, Nasturtium, and all spring seeds for florists. Write for our new list.

McKellar & Winterson, 45, 47, 49 Wabash Ave., Chicago.

Finest flower seeds and bulbs for florists. Vegetable and grass seeds. Poultry supplies and incubators. Send for catalogue. Jas. F. Dickmann Seed Co., 1110 No. 3rd St., St. Louis, Mo.

Simple Asters, choicest home-grown seed, 25c per ¼ oz.; \$1.00 per oz., in white, shell pink and lavender. Catalogue of flower and vegetable seeds for florists and market gardeners sent on application.

W. C. Beckert, Allegheny, Pa.

Cabbage seed, extra select crop of 1899. My own growing, all seasons, sure header. Ounce, 20c; lb., \$1.75. J. A. Roberts, Malvern, Pa.

Grass Seeds. For parks, tennis courts, lawns, etc., in fancy 1 and 2-pound packages and bulk. The Albert Dickinson Co., Chicago, Ill.

Wholesale price list for florists and market gardeners.

W. Atlee Burpee & Co., Philadelphia, Pa.

Special seeds for the florist and gardener. Send for wholesale catalogue.

Johnson & Stokes, Philadelphia, Pa.

Pansy seed, 3-16 oz., \$1.00; 1 oz., \$4.00. Cash with order.

C. Soltau & Co., 199 Grant Ave., Jersey City, N. J.

SMILAX.

String your Smilax with Meyer Green Silk-line. Send for samples and prices. John C. Meyer & Co., Mfrs. and Wholesalers, 87 Summer St., Boston, Mass.

2-inch pots, \$2.00 per 100. Cash or C. O. D. W. A. Clark & Son, 59 State St., Watertown, N. Y.

From flats, 50c per 100; 2-in. pots, \$1.50 per 100. Cash with order.

F. Boerner, Cape May City, N. J.

Smilax, strong 2-in., \$1.00 per 100.

South Side Floral Co., Springfield, Ill.

From flats, 75c per 100.

A. J. Newton, Norfolk, Va.

SWAINSONA.

Swainsona alba galegifolia, 2-in. pots, \$2.00 per 100. Cash with order.

Logan Avenue Greenhouses, Danville, Ill.

Pink and white, R. C., \$1.00; 2½-in. pots, \$1.50 per 100. Cash.

DePew & Blauvelt, Nyack, N. Y.

White and pink, doz., 40c; 100, \$3.00.

Good & Reese Co., Springfield, O.

VEGETABLE PLANTS.

Cabbage, lettuce, tomato, pepper, egg, celery and other vegetable plants in season. For price see display adv. in this issue. R. Vincent, Jr. & Son, White Marsh, Md.

1000 genuine Lorillard tomato plants, from pots, for benching, \$2.00 per 100 straight. Cash.

Benj. Connell, West Grove, Pa.

The Florists' Manual, by William Scott. Is a complete reference book for commercial florists.

VERBENAS.

60 finest named varieties, including our new mammoth white, Mrs. McKinley, the finest white verberna grown. Healthy, free from rust. Rooted cuttings, 60c per 100; \$5.00 per 1000. Plants, \$2.50 per 100; \$20.00 per 1000. Our list is the choice from millions of seedlings.

J. L. Dillon, Bloomsburg, Pa.

50,000 verbenas, 20th century collection comprising 32 grand mammoth varieties, the cream of the latest and cheapest, 60c per 100; \$5.00 per 1000.

South Side Floral Co., Springfield, Ill.

Mammoth verbenas, large rooted plants, 60c per 100; \$5.00 per 1000.

S. Whitton, 15-17 Gray Ave., Utica, N. Y.

R. C., lemon verberna, \$1.50 per 100; plants, \$3.00, \$4.00, \$6.00 per 100.

Greene & Underhill, Watertown, N. Y.

We have all the best, plenty of red and pink, 60c per 100; \$5.00 per 1000.

S. D. Brant, Clay Center, Kan.

The best varieties, \$1.00 per 100; \$8.00 per 1000. 2-in. pots, strong, \$2.00 per 100.

C. Humfeld, Clay Center, Kan.

R. C., Verbenas, 75,000 now ready; twenty-six varieties, 100, 60c; 1000, \$5; 5000, \$25.

S. T. Danley, Macomb, Ill.

Verbenas, 2 and 2½-in., good var., \$2.00 per 100.

Jos. H. Cunningham, Delaware, O.

Verbenas, 60 cts. per 100; \$5.00 per 1000. Cash.

Orange Floral Co., West Orange, N. J.

R. C., ½c, fine stock.

W. B. Woodruff, Westfield, N. J.

VINCAS.

Vinca vines, per 100, 4-inch pots, \$6.00; 3-inch, \$4.00; 2-inch, \$2.50; rooted cuttings from flats, \$1.50. Cash with order or C. O. D. W. A. Clark & Son, 59 State St., Watertown, N. Y.

Major and Var., rooted cuttings, \$1.00 per 100. Cash with order.

Logan Ave. Greenhouses, Danville, Ill.

Vincas, strong 2½-in., Major and var., 3c; 2-in., 2½c.

South Side Floral Co., Springfield, Ill.

Rooted cuttings, \$1.25 per 100; \$10.00 per 1000; 4-in. pots, \$8.00 per 100; \$70.00 per 1000.

J. E. Felthousen, Schneckady, N. Y.

I want to exchange 50 extra strong vinca, fol. var. out of 5-in. pots for Ivy geraniums.

Jos. Labo, Joliet, Ill.

Rooted cuttings, var., extra strong, \$1.50 per 100.

Greene & Underhill, Watertown, N. Y.

Variegated vincas, from flats, \$1.50 a 100. Cash.

Chas. S. Dutton, Holland, Mich.

Vinca Variegata, \$1.00 per 100. Cash.

Orange Floral Co., West Orange, N. J.

Vinca vines, 2 and 2½-in., \$3.00 per 100.

Jos. H. Cunningham, Delaware, O.

VIOLETS.

Marie Louise and Princess of Wales, Selected Rooted Runners from our choice stock. Corbett & Wilson always take first prize at all Cincinnati monthly exhibits, and refer you to any Cincinnati florist for quality and quantity of our pick. For price, etc., write Corbett & Wilson, Station K, Cincinnati.

Violets (rooted runners). The lowest price yet for the best violet grown flowers from September to March. Luxonne, \$1 per 100. California, 40 cts. per 100.

Geo. E. Felch, Ayer, Mass.

Princess of Wales, the only violet to grow, strong plants from flats, 100, \$2; 1000, \$18. Cash.

W. T. & F. P. Butz, New Castle, Pa.

Marie Louise, 10000 strong rooted cuttings from sand, clean and in fine condition, \$10.00 per 1000; rooted runners, \$6.00 per 1000. Cash please.

C. Lawritzen, Rhinebeck, N. Y.

Rooted cuttings, new Imperial violet. From 2-inch pots, \$3.00 per 100; \$25.00 per 1000. Satisfaction guaranteed.

T. G. Thrasher, Avon, Mass.

Rooted cuttings of Princess of Wales. Exceptionally good stock. \$2.00 per hundred; \$15.00 per thousand. Satisfaction guaranteed.

Wm. Sim, Cliftondale, Mass.

Lady Campbell and California violets. Send for price list.

Wm. Swayne, Box 226, Kennett Square, Pa.

Lady Hume Campbell, rooted runners, clean and No. 1, 60c per 100; \$5.00 per 1000.

Beach & Chessman, Richmond, Ind.

Violet Princess of Wales, the only violet to grow. Strong rooted cuttings, \$1.00 per 100.

Evenden Bros., Williamsport, Pa.

California strong, 3½-in., \$3.00 per 100. Runners, \$1.00 per 100.

A. G. Fehr, Belleville, Ill.

Leading kinds, doz., 50c; 100, \$3.50.

Good & Reese Co., Springfield, O.

Rooted runners Marie Louise, \$5.00 per 1000.

G. Guy Swanger, Shiloh, Ohio.

ZEBRA GRASS.

Plants, 3 to 5 spines, \$2.50 per 100; \$20.00 per 1000. Ready March 1st to 10th.

Jno. S. Kerr, Sherman, Tex.

MISCELLANEOUS PLANTS.

Ageratum, three kinds, including Princess Pauline, 70c per 100. Alyssum, dbl., \$1.00 per 100. Lantanas, four kinds, \$1.25 per 100. Salvias, three kinds, \$1.00 per 100. Express prepaid and satisfaction guaranteed. Cash with order, don't send checks.

S. D. Brant, Clay Center, Kan.

Impatiens Sultan and Tradescantia, tricolor, \$2.00 per 100. Fragrant callas, 2½-in., \$1.50; 4-in., \$3.00 per doz. German Ivy, \$1.25 per 100. Mignonette, 2-in., \$2.00 per 100.

Greene & Underhill, Watertown, N. Y.

Iresines, red and yellow; mesembryanthemum basket plant; California moss; Lobelia, Crystal Palace gem; Cigar plant, all in 2½-in., at \$1.50 per 100. Morris Floral Co., Morris, Ill.

Transplanted plants, \$1.50 per 100 of Stocks, Dbl. White, Mignonette, true Machet, Holly-hock, Dbl. White, Jerusalem Cherry, Ardisia Crenulata.

A. G. Fehr, Belleville, Ill.

Oxalis floribunda, 2-in., fine for vases, \$2.00 per 100. Centaurea gymnocarpa, 2-in., April 1, \$2.00 per 100.

Jos. H. Cunningham, Delaware, O.

Stocks, white or mixed, double, 2-in., \$1.50 per 100. Lobelia, rooted cuttings, \$1.00 per 100.

S. Whitton, 15-17 Gray Ave., Utica, N. Y.

Before ordering any goods anywhere send in your list for lowest guaranteed prices.

F. W. O. Schmitz, Jersey City, N. J.

Antigonon leptopus, heavy, medium and small roots. Write for prices.

The Brooks Sisters, Sorrento, Fla.

Rooted cuttings, per 100: Lemon verberna, \$2; Cigar plant, \$1; Impatiens Sultan \$2.

A. J. Newton, Norfolk, Va.

Blue spirea, 2-in., \$2.50 per 100.

Roney Bros., West Grove, Pa.

Sansevieria zeylanica, 10c.

H. Steinmetz, Raleigh, N. C.

Cobaea Scandens, 2½-in., \$2.00 per 100. Cash.

Geo. L. Miller, Newark, Ohio.

CANE STAKES.

Cane stakes. I can furnish them. Write for prices.

C. S. Tait, Brunswick, Ga.

COLORED PLATES, ETC.

Colored plates, seed packets, engravings, etc.

Vredenburg & Co., Rochester, N. Y.

CUT FLOWER BOXES.

Florists' Boxes. The J. W. Sefton Mfg. Co., 241-247 S. Jefferson St., Chicago.

PLEASE MENTION THE REVIEW WHEN WRITING ANY OF THESE ADVERTISERS.

DECORATIVE MATERIAL.

Hardy cut ferns, \$1.00 per 1000. Bouquet green, 40 per lb. Bouquet green wreathing, all sizes made to order, 3 to 8 cts. per yd. Baled spruce, for cemetery use, etc.
L. B. Brague, Hinsdale, Mass.

Hardy cut ferns and laurel leaves at 50c per 100. The Roleta Nursery Co., Horace Perry, proprietor, Roleta, Tenn.

Prepared Tropical Palms and Cycas leaves. Send for catalogue.
Ostertag Bros., St. Louis, Mo.

Fancy and dagger ferns, also fine line galax leaves. Crowl Fern Co., Millington, Mass.

EVERYTHING FOR FLORISTS.

Write for quotations on your wants to McKellar & Winterson, 45, 47, 49 Wabash Ave., Chicago.

If you read these advs. others would read yours.

FERTILIZERS.

Red Towers Brand Bone Meal for florists. 100 lb. bag, \$1.75; 200 lb. bag, \$3.25; 1/2 ton, \$7.50; 1 ton, \$14.50; 1 ton, \$28.00. F. O. B. Bridgeport, Conn. Also Odorless Lawn Dressing. Terms, cash with order. Red Towers Greenhouses, Hackensack, N. J.

Sheep manure, dried and pulverized. Purest and cleanest sheep manure on the market. Write for prices and samples.
J. V. Merriam, U. S. Y., Chicago, Ill.

Pure sheep manure, the best that can be bought on the market. Also a large quantity of hardwood ashes, by the bbl., ton or car load.
J. L. Elliott, Bethlehem, Pa.

Bone meal, made for my own use and for other florists who want a good article. Try a bag.
Albert M. Herr, Lancaster, Pa.

FLORISTS' LETTERS.

The Cefrey Letter Co., 446 Tremont St., Boston, Mass., Chas. L. Razoux, Mgr., Manufacturers of Florists' Letters. The best and most artistic letter on the market. Pat. Jan. 3rd, 1893. Price: 1/4 or 2-inch letters, \$1.50 per 100; script letters, \$3.50 per 100. Agents: The Flower Market, Boston; Emil Steffens, New York; McKellar & Winterson, Chicago; H. Bayerdorfer & Co., Philadelphia.

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Galax leaves. For latest prices bronze and green Galax leaves and Leucothoe sprays address the introducer.

Harlan P. Kelsey,
1106 Tremont Bldg.,
Boston, Mass.

Galax leaves. Chas. H. Ricksecker, Linville, N. C.

Galax leaves, \$1.00 per 1000.
L. B. Brague, Hinsdale, Mass.

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The Van Ruyper Perfect Glaziers' Points. No rights or lefts. Price per box of 1000, 60 cts.; by mail, 75 cts.; in lots of 5000 by express, 55 cts. per 1000. Henry A. Dreer, 714 Chestnut St., Philadelphia, Pa.

Greenhouse glass and cypress sash material. Get our prices before buying. S. Jacobs & Sons, 406 West 13th St., New York.

Every florist ought to insure his glass against hail. For particulars address John G. Esler, Sec'y, Saddle River, N. J.

We make special greenhouse putty. Price on application. Lord & Burnham Co., Irvington-on-Hudson, N. Y.

Importers and jobbers of greenhouse glass. Wheeler-Stenzel Co., 73 Sudbury St., Boston, Mass.

Send for Lucas on Glass. Four pamphlets tell all about it.
John Lucas & Co., Philadelphia.

Greenhouse glass a specialty. Sprague, Smith Co., 207-209 Randolph St., Chicago.

Greenhouse Glass. Benjamin H. Shoemaker, 205 to 211 No. Fourth St., Phila., Pa.

Greenhouse Glass. Wood Glass Co., 226 N. Salina St., Syracuse, N. Y.

HOSE.

Hose for Florists. Penn Rubber Co., 608 Arch St., Philadelphia, Pa.

Send in your order now for a copy of the Florists' Manual.

INSECTICIDES.

TOBACCO STEMS, the good, strong kind only, 60 cts per 100 lbs.; bales 450 lbs.

TOBACCO DUST, the black stuff, 1 cts per lb.; 50 to 1000 lbs.

H. A. Stoothoff,
116 West St., New York City.

"Rose Leaf" Extract of Tobacco Insecticide, the best and by far the cheapest all-round insecticide on the market. For sale by seedsmen. For free pamphlet write The Kentucky Tobacco Product Company, Louisville, Ky., successors to Louisville Spirit Cured Tobacco Co.

Tobacco stems, \$1.00 per 100 lbs. Tobacco dust, \$2.50 per 100 lbs. Rose Leaf Extract of Tobacco, Nikoteen, Nicomite. Send for prices on large quantities.

McKellar & Winterson, 45, 47, 49 Wabash Ave., Chicago.

Nikoteen. Does not injure the most sensitive plants. Endorsed by prominent florists. Used for fumigation or spraying, indoors or out. 200 lbs. of tobacco in one pint of Nikoteen. Sold by seedsmen. Circular free.
Skabcura Dip Co., Chicago.

Nicomite (patent) Vapor Insecticide. A certain killer of insect pests. Sold by seedsmen. Tobacco Warehousing and Trading Co., Louisville, Ky.

PIPE AND FITTINGS.

Wrought iron pipe, valves, fittings, etc., for steam and hot water; rubber hose, pumps and well points.

Wm. H. Kay, 42 Dey St., New York.

Full line of Pipe and Fittings. Send for latest prices. S. P. Conkling, 20 East Atwater St., Detroit, Mich.

Iron Pipe and Fittings. Rundle & Spence Mfg. Co., 63 Second St., Milwaukee, Wis.

Iron Pipe and Fittings for florists. The Kelly & Jones Co., Pittsburg, Pa.

POTS.

Standard Flower Pots. Our pots are of the best quality. We ship all goods from Cincinnati, guaranteeing lowest freight rates and prompt delivery. Write us before placing your orders elsewhere.

Cambridge Tile Mfg. Co., Covington, Ky.

Standard Pots. We are now ready to supply a superior quality of Pots in unlimited quantities. Catalogues and price-lists furnished on application.

A. H. Hews & Co., North Cambridge, Mass.

Standard Flower Pots. If your greenhouses are within 500 miles of the Capitol, write us; we can save you money. W. H. Ernest, 28th and M Sts., N. E., Washington, D. C.

Flower Pots of all kinds. Standard Pots a specialty. List and samples free. Swahn Pottery Mfg. Co., Box 73, Minneapolis, Minn. Factory, Marshall & 25th Ave., N. E.

Standard Flower Pots. If you need pots write for our prices before you order. We guarantee safe delivery. Wilmer Cope & Bro., Lincoln University, Chester Co., Pa.

Flower Pots. Before buying write us for prices. Geo. Keller & Son, 361-363 Herndon St. (near Wrightwood Ave.), Chicago.

OUR 1900 STANDARD FLOWER POTS.

Better than ever. Send for Price List.

Syracuse Pottery Co., Syracuse, N. Y.

Red Standard Pots, wide bottoms, well burned and porous. Reduced prices.

Harrison Pottery, Harrison, Ohio.

Flower pots and vases, by barrel or carlots. Sizes from 2 to 20 inches.

John Feustel, Fairport, Iowa.

Flower Pots. Missouri Pottery & Mfg. Co., 1216 W. 8th St., Kansas City, Mo.

For the best Plant Tubs, address Mann Bros., 6 Wabash Ave., Chicago.

SPHAGNUM MOSS.

We are headquarters for Sphagnum. Just received several carloads.

Per bale, \$1.00.

Six bales, \$5.00.

Ten bales, \$7.50.

Write for prices on large quantities.

McKellar & Winterson, 45, 47, 49 Wabash Ave., Chicago.

We gather our moss and it is the best to be had. Bales, 4 1/2 feet long, 18 inches wide and 20 inches deep, weighing when well dried 40 lbs. 80 cents per bale; 10 bales, \$7.00. Green moss, \$1.00 per bbl.

Z. K. Jewett & Co., Sparta, Wis.

Sphagnum moss, 75c per bbl.

L. B. Brague, Hinsdale, Mass.

WIRE WORK.

C. A. Kuehn, 1122 Pine St., St. Louis, Mo., manufacturer of the Patent Wire Clamp Floral Designs. A full line of supplies always on hand. Write for catalogue.

We are Headquarters for Wire Work. McKellar & Winterson, 45, 47, 49 Wabash Ave., Chicago.

Reed & Keller, 125 W. 25th St., New York, Manufacturers of Wire Designs.

New Dwarf Abutilon "LILLIPUT"

A seedling of Golden Bell x Pigmy. Rich orange veined with bright red. Grows 12 to 15 inches high and always in bloom. Has no equal for beds or pots. Sells on sight, \$1.25 per doz.

Abutilon Savitzii, 50c per doz.; Eclipse, 40c per doz., \$3 per 100. Weeping Lantana, \$3 per 100. Blue Spirea, \$2.50 per 100. All above from 2-in. pot.

Cash with order. RONEY BROS., West Grove, Pa. Mention The Review when you write.

LOUISVILLE, KY.

The Kentucky Society of Florists held its monthly meeting at Music Hall, March 7th, with President Wood in the chair and a large number in attendance.

Mr. Joseph Coenen read a paper on the use of fertilizers in the greenhouse. [It appears elsewhere in this issue.—Ed.]

Trade is improving to some extent. There is a good deal of funeral work. Good roses are in demand. Harrisil lilies are poor; lots of disease.

Jos. Coenen & Co. intend to put in a new boiler this summer. Their stock is looking fine.

George Schulz is cutting some fine roses and violets.

Victor Mathe's place is in excellent shape. He has a sport of Daybreak carnation which is a fine pink.

Jacob Schulz had some very large orders for funeral work and used lots of American Beauties.

Wm. Mann is the "Lily King" of Louisville, and his azaleas are grand.

C. H. Kunzman's carnation house is a splendid sight. His Bradts are especially fine.

Mrs. Henry Fuchs is very ill with typhoid fever.

Frank Lichtefeld, father of Henry Lichtefeld, who has been confined to his room for over three weeks, is out again.

Nanz & Neuner report a very good shipping trade.

E. Heitz has bought the greenhouses on the old Epping place and will remove them to his new place. His Rose Queen and Daybreak carnations are very fine.

The Holland bulb men have made their appearance.

H. LITCHEFELD.

TOPEKA, KANS.—Skinner Bros. have purchased ten acres of land in North Topeka and will engage in the nursery business. They will build a number of greenhouses.

LEADVILLE, COLO.—A Floral Society is being organized here. A. E. Thomas is interested.

THE CANADIAN HORTICULTURAL ASSOCIATION.

Executive Committee Meeting.

A meeting of the above committee was held at Toronto during the carnation meeting of the Toronto Gardeners' and Florists' Association, for the purpose of arranging the date and program of the third annual convention, to be held in Montreal. The days selected were Thursday and Friday of the week prior to the S. A. F. convention in August, the actual date of which no one appeared to be quite sure about. Various other matters in connection with the convention were discussed and a program arranged which will be interesting to everyone in the profession—commercial or otherwise—and which should attract a large number of delegates.

Messrs. McKenna and Bennett, of Montreal were present and said that the Montreal brethren hoped to have the pleasure of entertaining a big crowd and gave assurances that everything would be done that possibly could be done to make the convention a grand success.

A. H. EWING, Sec'y C. H. A.
Berlin, Ont.

DENVER, COLO.

Market Notes.

Bulb stock is in its glory at the Park Floral Co.'s window. Mr. John Berry, who attends to the retail trade since their store manager from Thorley's left them, reports business good.

Hyacinths in pots sell well, also azaleas, for which the demand exceeds the supply. Roses retail at \$1.50 to \$2 per dozen; carnations, 50 to 75 cents; lilacs, \$1.50 to \$2 per dozen; daffodils, 75 cents; valley, 75 cents; sweet peas, 35 to 50 cents; mignonette, of which the Park Floral Co. have their own strain, is very large and fine and brings \$1.50 per dozen.

Mr. Charles Webb, of Glauber & Webb, reports trade fair. Beauties are \$3 to \$5; violets, \$1.50 per 100; snapdragons, \$1 per dozen; lilies, 25 cents.

The biggest demand is for flowers put up and arranged in boxes. There is a "knack" in arranging a box of flowers, and the first sight of nicely arranged flowers makes the impression.

Mr. Wm. L. Lingenbrink, the wholesale florist, also reports business good. He is short of supply outside of carnations, on which he had to cut the price from \$2 to \$1.50; other flowers he cannot get enough of, and has to call on eastern growers. Roses are 6 cents; carnations, 1½ cents; daffodils, 3 cents; violets, 75 cents per 100; sweet peas, \$1.50 per 100; smilax, 17 cents per string wholesale. Mr. Lingenbrink manufactures his own floral designs and appears to be working up a little trade of his own.

Mr. Wolf, of the Colfax Floral Co., says everything is selling out of sight

and they expect to put up two more houses this summer. Their carnations are very good this winter.

Some growers report Easter lilies too early, others too late, and the chances are that they will bring a good price.

Flora Hill carnation is considered the best white, Crane is the best red, and Scott is hard to beat for pink, Mrs. Bradt is the largest variegated seen around here.

Daniels & Fisher expect to repair five houses which are said to have been empty all winter.

The Curtis Park Floral Co., now one of the oldest greenhouse firms in Denver, put up lots of floral designs and do a good business in pot plants.

J. L. Miller has resigned his position at the City Park Greenhouses and has leased Mr. Godley's place. He will grow vegetables and perhaps some carnations.

The business outlook is very good.
F. A. HAENSELMAN.

RUTHERFORD, N. J.

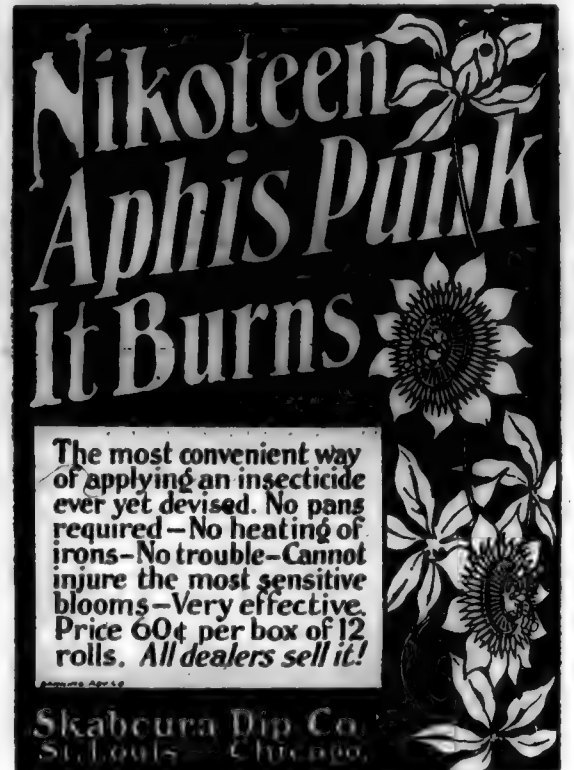
Julius Roehrs has a remarkably fine stock of Easter plants. His lilies are especially good; most of them have two or three stalks from a bulb and are easily the best we have seen this season so far.

Almost every variety of flowering plant can be seen here in immense quantity. Azaleas are in all sizes, but special attention is given to specimen grade stock. Houses of Crimson Rambler are in the best of form, so are hydrangeas, rhododendrons, acacias, boronias, etc. A special feature is being made of calceolarias this year; this will be somewhat of a novelty for Easter and there is a fine lot of them here. If you are interested in good stock or want to see a great display, visit Mr. Roehrs' place.
D.

EASTER CARDS.

The Easter cards and folders designed for Easter announcements by florists prepared by Dan'l B. Long, Buffalo, N. Y., are certainly very attractive and should prove trade winners to the retail florist at this season. Samples will no doubt be sent on request.

BURPEE'S "Vest Pocket Guide to Culture of Flowers" is a neat little 24-page booklet giving a great deal of useful information in condensed form. It is issued by W. Atlee Burpee & Co., the seedsmen, Philadelphia, Pa.



Nikoteen Aphis Pink It Burns

The most convenient way of applying an insecticide ever yet devised. No pans required—No heating of irons—No trouble—Cannot injure the most sensitive blooms—Very effective. Price 60¢ per box of 12 rolls. All dealers sell it!

Skaboura Dip Co.
St. Louis—Chicago.

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\$5 makes you a member of the
SOCIETY OF AMERICAN FLORISTS
the largest association of
Expert Horticulturists in
the world.

Supplies at wholesale rates through the Co-operative Purchase Department.

Free registration of plant introductions.

Dues after first year, \$ 8.00 annually.

Life membership, - 30.00

Next Convention, New York City,

August, 1900.

Write the Secretary,

WM. J. STEWART,

67 Bromfield Street, Boston, Mass.

Rooted Cuttings. USUAL PRICES.

Coleus, Verschaffeltii, Golden Queen, Mixed, Heliotrope, Double Petunias, Salvia, etc. Alternanthera, four kinds. L. H. FOSTER,
45 King St., Dorchester, Mass.

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EVERY FLORIST OUGHT TO INSURE HIS GLASS AGAINST **HAIL**

FOR PARTICULARS ADDRESS

JOHN G. ESLER, Sec'y, SADDLE RIVER, N. J.

TWO notable trade lists are those issued by the Cottage Gardens, Queens, N. Y., and H. Weber & Sons, Oakland, Md. Fine half-tone engravings well printed on first class paper are becoming more and more a feature of our trade lists, and the above two take a prominent position.

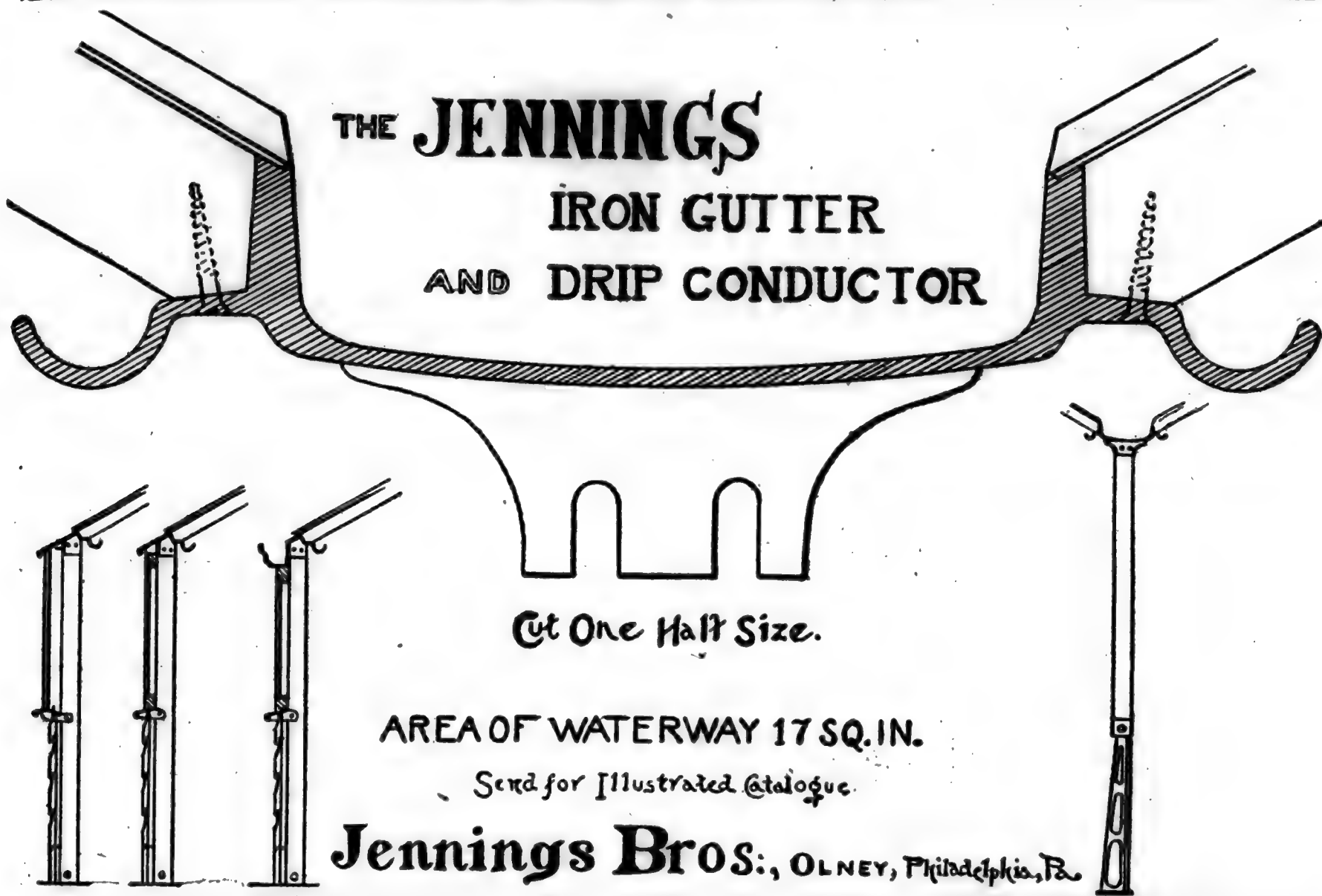


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Hot Water Heating, Pipes, Fittings
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IRON GUTTER
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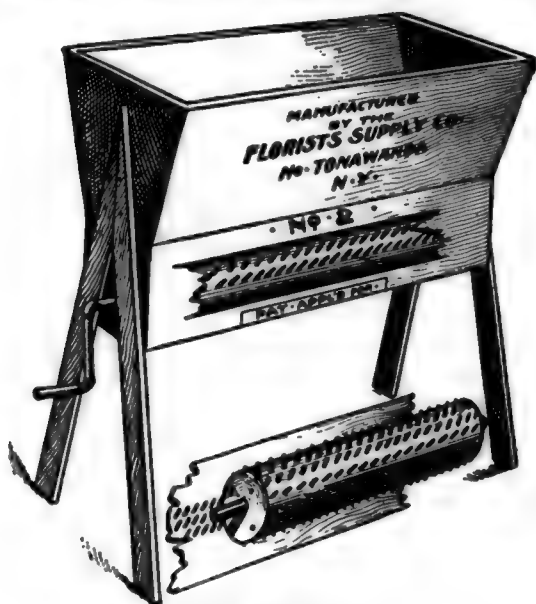
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AREA OF WATERWAY 17 SQ. IN.

Send for Illustrated Catalogue.

Jennings Bros., OLNEY, Philadelphia, Pa.

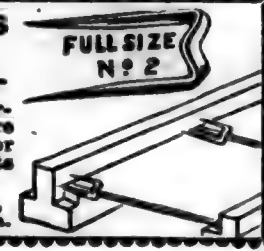
HUNDREDS of Florists are using our Pulverizers. You can regulate it. Send for list of testimonials



Patent applied for.
No. 1, \$5.00; No. 2, \$10.00; No. 3, \$20.00
THE FLORISTS' SUPPLY CO.,
North Tonawanda, N. Y.

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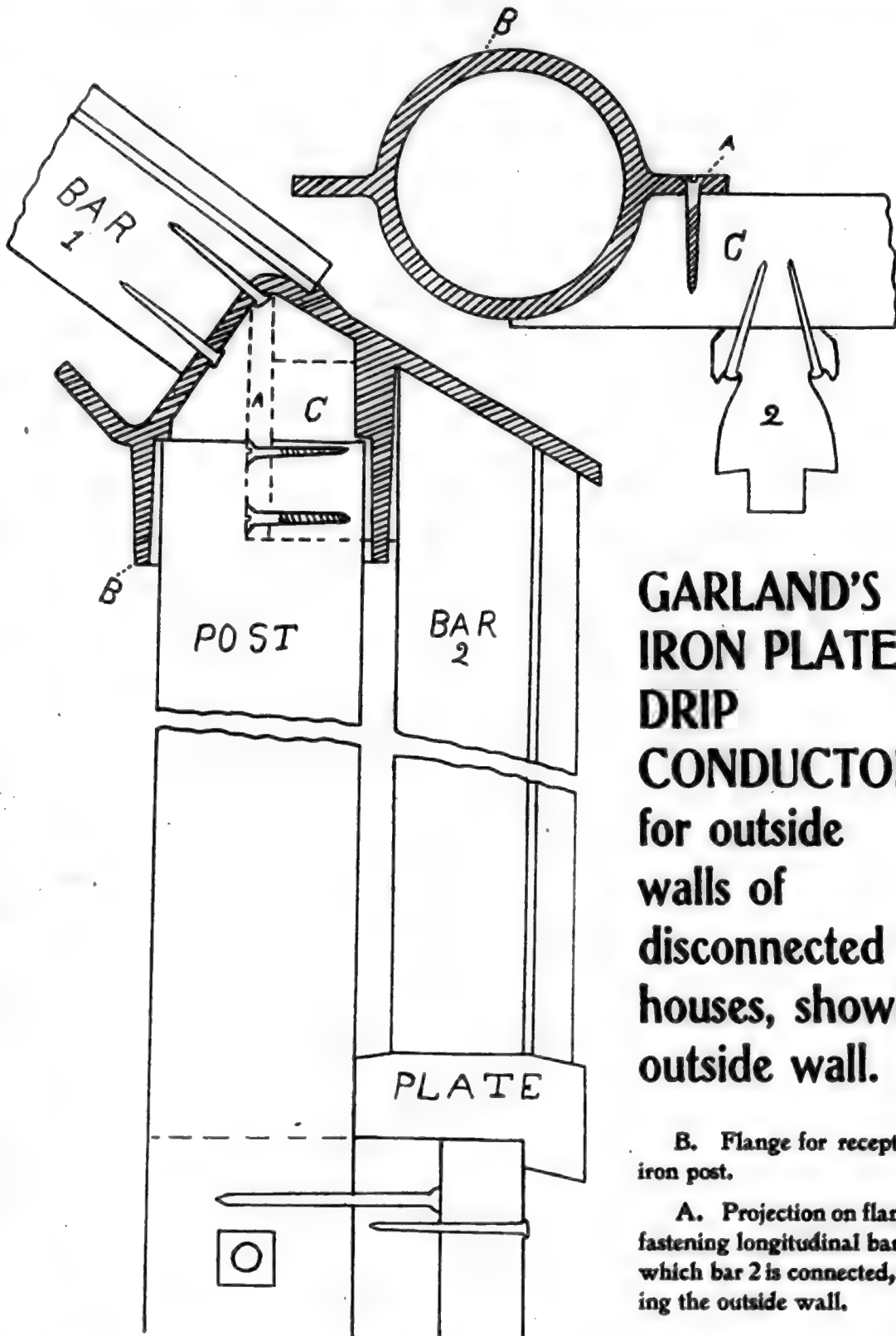
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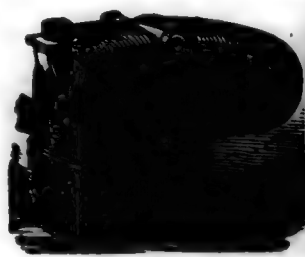
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It is the best book of the kind ever published. There is more in it than in any other book I have ever seen. I am delighted with it.

Chicago. JOHN THORPE.

The copy of the "Florists' Manual" was duly received. I am very well pleased with same. The more I read it the better satisfied I am with it, and there are one or two articles alone in it that are each worth all you ask for the book, for everything is made so plain and all details are right to the point. I trust you may have a good and ready sale for the same.

M. S. WORDEN.

North Adams, Mass.

The only fault to be found with it is when you get reading it the midnight oil is liable to run low and you have to go on to gas or reluctantly break off, either going to bed or first taking a look over the houses to see if the temperature tallies with the Manual.

GEO. S. OSBORN.

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We are in receipt of "The Florists' Manual" by Mr. Scott and may say it is the right book for the florist, published at the right time. It is what we all need.

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BENJAMIN HAMMOND.

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Detroit, Mich., January 6, 1900.—Mr. Wm. Scott, Buffalo, N. Y. Dear Sir: The Commissioners of Parks and Boulevards some time since directed that a library be started of such books as deal with subjects pertaining to park work, and to that end, an order has been given for a number of books, among which is your "The Florists' Manual."

After reading this book carefully, I am greatly pleased, and wish to congratulate you on the practical manner with which you have treated the subject.

This book is placed where it will be accessible to all of our greenhouse employees, where this board expects to reap a reward many times the cost of the book. Respectfully yours,

COMMISSIONERS OF PARKS AND BOULEVARDS,

R. J. CORYELL, Gen'l Sup't.

I am more than pleased with The Florists' Manual.

OTT BROWN.

Cape May City, N. J.

Manual to hand. Am well satisfied that it is the best work of its kind ever published.

JAS. HARTSHORNE.

Joliet, Ill.

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C. J. REARDON.

Lake Geneva, Wis.

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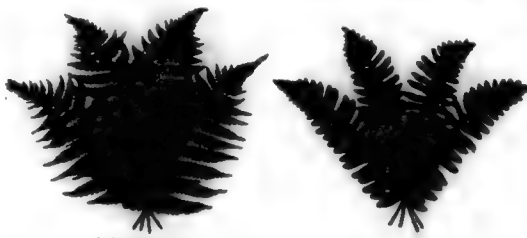
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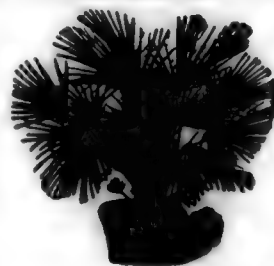
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THE RETAIL FLORIST

Easter.

Variety is not only the spice of life, it is a great incentive to business. No matter if the chances are small, or that you cannot even sell some things at any price, it is good to have a few just for variety's sake and to better show off the good things. Many will differ with us on this point and argue that it's foolish to buy what may not sell, but there are many ways to look at things and our business at best is a continuous speculation.

To have lots of lilies, azaleas, etc., for Easter is necessary, and people may come to your place fully determined to buy one particular kind of plant; this determination often vanishes at the sight of some old favorite or specially well grown flower, and everybody, even yourself, prefers to deal where there is a large variety to select from. Your only danger is in buying too much small stock or too many of a risky kind. No one can expect to clear everything out, at least it is unwise to buy so close, especially when plants are cheap, still care should be taken to have the surplus of a nature that will detract the least from your profits. There are plants, like azaleas and rhododendrons, which the growers will take back at half or one-third the price. Your largest plants should be bought on this condition as a protection to yourself, but you should never take them back from your customers unless you are sure they are willing to pay well for them; that is to say, the price of a new one. There are too many sickly boarded plants in this country; several growers' houses are disgraced with them and the system is injurious to trade. Therefore, when you sell an azalea or genista to your customer, try to avoid conditional purchase.

Easter plants are the cause of many hopes and fears to grower and retailer alike. In the first place, it is difficult to judge what to grow, and in the second, what and how many to select for your trade. Those who can see the merit of novelties, appreciate them at their full value, and offer them to the public in the best manner, are the ones liable to do the best business.

There are times when ugly or insignificant things are snatched up by the crank and others, when the prettiest and most interesting are ignored by the most fastidious.

We are inclined to snub many delicate flowers, perhaps because we have no suitable place in our store for them, and the danger of this will be that instead of encouraging a more extensive cultivation of variety, we will eventually wind up in having only those flowers or plants which will have the durability of leather or iron. We have at present a few fake floral artists in New York who cannot touch a plant or flower without destroying its beauty with artificial humbug; even artificial flowers and plants form a conspicuous part of their window decorations. Of course such people will never be able to retard the ever increasing demand for the beautiful in nature; it is only that they are mistaken in their profession, and a pity it is.

We must remember that Easter this year is very late. The weather is apt to be warm and some of the stock too open. Though it is cold now, and some things appear backward, don't forget that warm days will hasten them on, and that most people, especially in the case of azaleas, prefer to have plenty of buds on their plants. With lilies it is different; few care to pay for buds, and yet care should be taken to have no old blooms. Longiflorums may not be as profitable to the grower as Harrisii on account of number of flowers, but they are more satisfactory to the retailer and the public because they keep longer. Unlike at Christmas, delicate colors are popular at Easter; this is because spring is soft hued and there is more harmony in tones. In winter, the brighter the object the more it appeals to the eye, wearied with the dismal aspect of cold climates. The growing tendency here, however, as in Paris, is for bright colors at the commencement of every season, and this year you may expect much of your brightest colored stock to be sold first.

Though white and blue are essentially Easter colors, we, as a rule, have too many white flowers in the market. Many growers have a bench

or house filled with undesirable stock, and they compel, whenever they can, the retailer to take a portion of this stock if he wants any of the select; it is always a pleasure to get even with such people. This year material is plentiful and much of it is good; be sure you mark whatever extra grade specimens you buy, and if the grower tries to cheat you by sending substitutes, refuse to take the stock; we mention this because unfortunately some people practice it, and we advocate opposition to everything dishonest.

Now, as to what is going to sell best, last week we mentioned a few, and the list could be extended far beyond all we name. Of late years there has been a marked increase in the sales of palms, ferns and general decorative stock at Easter time. Some people want to appear ultra-practical all the time, and they would rather buy a dish of ferns or a palm, where they should send flowering plants, simply because they begrudge the short period of exceptional beauty a flowering plant usually has, and send a plant which will remain a longer memento for remembrance. You can compromise with this element by making up composite pans or baskets of plants. Many kinds of plants really require some fixing up or embellishment. And in many cases you can increase your sales by adding a few small ferns to this or that plant. The man who grows his own stock can work off lots of material in this manner. The important thing is, no one wants a skimpy looking plant or arrangement of plants, therefore have all as well furnished as you can. You might make more money out of the modest and inexpensive thing than the gaudy and expensive one; it all rests on the way you present it.

It may be wise to have an early display, but it is wiser to have and to send out good fresh stock at Easter. Consequently don't rush things; it's foolish to waste your money and plants by making a special display three weeks or even two weeks before the time. Things, even be they beautiful, become monotonous, even eyesores, by a continuous presence; people rarely buy before Easter week, the most of the stock is sold on Friday and Saturday before Easter, and that's when you should have it in the best condition. We believe that special Easter displays in the florist's store and window should be kept back until the Saturday before Palm Sunday; even then it should be confined to the window, just to remind the people, and to show them the grade of stock you handle; a pretty basket or vase of flowers will suffice before that time.

Particular care should be taken in the case of violet plants. To be sure, you should have an early sample to sell from, but the violet plants intended for delivery Easter Saturday or Sunday should be kept in the greenhouse as long as possible. A stale

violet is about the worst thing you can have about your store or send out, and every year the nuisance is increasing. In the first place, growers begin to leave flowers on the plants a month or more ahead of time and the retailer gets them in his store two weeks before it is necessary, all despite the fact that no violet will retain its fragrance more than a week—most of them only for twenty-four hours. A present of a basket of stale ones is an insult to intelligence.

There are not quite so many bulbous flowers being grown in pans or flats this year. When they are well done they sell readily; the trouble is

ette, pansies, mixed crocus and such things are sure sellers if the price is reasonable. The trouble with most florists is that they spend too much money in ribbons, baskets, etc., and they try to exact big returns for this, in many cases, unnecessary outlay. We have found most people willing to pay well for flowers, but not a hundred per cent more than the value of superfluous trimmings, and we prefer to see the plant rather than the dry goods business encouraged by the florist. We are not averse to the use of adjuncts, it's only when in excess, and consequently a total disregard for art is adopted that we disagree. We will deal

the store. You know very few flowers will stand overhead watering, and plants in flower require plentiful root sustenance. IVERA.

CARNATIONS AT BRIAR CLIFF, NEW YORK.

Briar Cliff is the romantic name of a beautiful section of country stretching away from Scarborough-on-the-Hudson. It is mostly composed of hill and dale, with here and there an assembly of trees or a meeting of laughing streams. From the summit of the hills several counties are visible, and yonder sweeps the lordly Hudson on its way to the mighty Atlantic. No wonder Washington Irving caught his grandest inspirations from here, for the scenery alone, apart from its historic interest, is well worth traveling a long way to see. In the midst of the loveliest part of this natural panorama is Mr. W. W. Law's handsome residence and extensive estate, comprising three thousand acres. Immense model dairies and other fancies are established here also, and everything is done to exact the fullest enjoyment as well as the highest practical results.

Mr. Law is passionately fond of flowers. At first he erected greenhouses to supply his home and his friends with plants and blossoms. The study of flora excited a deeper interest and became, as it does, more enchanting, until finally experiment and ambition led to produce even finer flowers than were procurable on the market. This was comparatively easy where unlimited resources were available, and to-day it can be safely said that the forerunner, the shadow as it were—nay, more, the very model of the horticultural house of the coming century—can be seen here.

You are interested in carnations, every florist is more so now than ever in the history of floriculture. Well, dear reader, if you can, go and see the carnation house at Briar Cliff. If you cannot, then imagine yourself with us. We are standing at one end of a magnificent glass palace, it is fifty feet in width and three hundred and six feet in length; it is three-quarter span and twelve feet at the ridge; it is of iron frame and every modern appliance; thin iron pipes are the only supports, and the view right through the house is entirely unobstructed, everything is light and fresh, but what an entrancing sight, what a galaxy of color radiating from perfect forms to glorify the divine flower. Every hundred and fifty feet is occupied by a different variety, a distinct color, the whole arranged to bring out the best contrast and all the value in individuality.

The best varieties of carnations disseminated up to last season are on trial here, and though all are grand, in their highest state of perfection, yet many, it seems sad to think, must be discarded or relegated to mere stock benches. The hunt for ideals causes many a pang of regret as well as many a throb



Mrs. Bradt as grown at Briar Cliff.

[24-inch stems.]

there are not enough bulbs put in the pans, and the varieties, especially of tulips, are poorly selected. A pan or small flat of good Dutch hyacinths or tulips is a very pretty thing when trimmed, and a good profit can be made on them. Cardinal, pink and yellow are the three most popular colored tulips. White and pale blue in hyacinths, combinations of red, white and blue in hyacinths look well and have lots of meaning, and pans or boxes of mixed jonquills or narcissus are good.

It looks as if there were going to be very few candidum lilies, more's the pity. Tubs of mixed lilies would be a great seller, so would *Lilium auratum*. Baskets of growing blue cornflowers, edelweiss, freesia, carnations, dwarf nasturtiums, myosotis, dwarf mignon-

with color combinations and the latest in baskets and bows next week.

It is important that you have a good man to take care of the watering of your Easter plants. This is a vital point, and don't, please don't, expect to find a man with a head and conscience and the passiveness of a slave for five dollars a week. Remember this is near the twentieth century and that you will be a long time dead. We have already too much ignorance in our business, the small wages offered damps off the intelligent element; there is more loss through this shortsightedness than from any other source. Take even the present time, neglect to properly care for stock may result in tremendous damage; this is more particularly so and most likely to happen in



Iron frame Carnation House, 51 x 306, at Briar Cliff.

of pleasure. You can, if you wish, ponder long and deep over theories—the spiritualisms of cultivation, bacteria, with the point of keenest thought, experiment with your physics and chemicals, Nature can laugh at you when she will. The mysteries of successful carnation culture seem to be solved here in the application of abundance of light, fresh air, good soil and cow manure. Why, the very carnations themselves seem to lose their identity when compared with those grown elsewhere; the foliage is deep colored and luxuriantly sturdy, the flowers grand! White Cloud is indeed a white cloud of three-inch flowers on 3-foot stems; Mrs. James Dean, like the dear lady herself, is a gem to be proud of.

But here's Paul M. Pierson, who is manager of this establishment; let's listen to him. He tells us that the above two varieties are the best kinds to grow of their colors. Crane, the finest scarlet, brought sixteen cents each during Christmas and New Year's. Mrs. Geo. Bradt, the best striped; this has brought the highest average price of all the carnations. Gold Nugget, the best yellow; Maceo, for crimson; and Joost for dark pink. Of course there are many more kinds he will grow, but

the above have given best results and will be most extensively grown.

In the propagating houses there are over 40,000 rooted cuttings, and we never saw a finer lot. No sickly consumptives, but sturdy stock that promise to produce similar results to their parents. If you are looking for this kind of valuable material, the product of intelligent cultivation and abundant nourishment, don't forget Briar Cliff.

Hitchings & Co. are erecting another house, a duplicate of the one shown in our illustration. J. I. DONLAN.

STARTING A SMALL PLACE.

No. 1. Would you be kind enough to tell me if two men could make a living from two greenhouses, 20x50, growing carnations and a general line of bedding plants?

No. 2. The greater part of the cut flowers would be sold at wholesale, but the bedding plants at retail. Buffalo would be the wholesale market.

No. 3. Would it be advisable for us to borrow \$2,000 each to buy land and build the houses? Can secure a good lot, 150x350, for about \$2,200. Good soil and a good location.

No. 4. What would be the running expenses of such a place?

No. 5. One of us has worked at the trade for some time.

No. 6. Or would you advise the one who has had the experience to start in for himself on a small scale?

No. 7. What would be the average cost of two greenhouses, 20x50, shed, boiler, piping, etc., complete?

C. H.

To make the answers plainer I have numbered the questions and the corresponding answers.

No. 1. Two men could not make enough out of these houses to live decently. Neither would there be work enough to keep you employed. You would soon both get dissatisfied and one would have to make room for the other. "There is a difference between what a dog will eat and what he will live on," but this is not large enough for two, however well it was run or whatever you grew.

No. 2. It matters little whether the output of this place was sold at retail or wholesale, but if the latter there would still be less room for two in the business.

No. 3. If you can borrow two thousand dollars each you could build a much larger place. If you had three

houses, each 100x20, it would keep you both fairly busy; more so if you grew bedding plants than planted out crops like roses and carnations. You can build a good deal of glass on the lot described, but four or five acres is much better. While starting in the country why not have enough land? If you intended to put buildings on the land the seller is most times satisfied with a payment of 25 per cent and the remainder to run on a mortgage, which would be a good one, if you bought the land right. Good soil is of the greatest importance, more so than location, but you should look to two things, viz., that the houses can be built running east and west and that you have ample drainage for stoke holes, etc.

No. 4. The running expenses of two houses, 50x20, after being stocked would depend on your ability. It would not be enough to keep one man busy, but you had better reckon your time and in addition \$125 for fuel and \$50 more for pots and incidentals.

No. 5. The one "that has worked at the trade for some time" is the only one that should attempt to run the greenhouses. When you have grown to a large firm the other one may be called in as bookkeeper, if he can afford to wait.

No. 6. This is answered by the last. Decidedly, if you are determined to start, don't be encumbered by anyone, especially one who knows nothing of the business.

No. 7. If you are up in building yourself and practical in heating you might build these two small houses with heating and shed all complete for occupying for about \$1,200.

In conclusion, if you have no capital it would not be advisable to start in such a small way as there would be a great likelihood of always running in debt. Your profits would not be enough to get you out of debt. If you have confidence that you are an expert at the business and can borrow capital, go into it large enough so that you can use your ability to advantage and progress.

NEW YORK.

Amalgamation Rejected.

The past week was a most important one in the history of the florists' business in New York. A scheme was sprung to amalgamate the New York Cut Flower Company, now doing business at 119 West Twenty-third street, and the Cut Flower Exchange, at the Thirty-fourth street ferry. The former is a combination of large growers, organized a few years ago for the purpose of dispensing with the services of commission men, the latter is a market composed of most of the small growers on Long Island.

The Cut Flower Company have to either renew their lease or vacate this year, and the Exchange have two more years before their lease expires. It was proposed by the large growers

that the present corporations be dissolved, and that they both combine and open a new flower market at the southwest corner of Thirty-first street and Broadway. A special meeting of the stockholders of the Cut Flower Exchange was held at their market on Saturday morning last, and the proposition was put before them and defeated by a stock vote of 186 for and 198 against.

Never was there a more exciting meeting held anywhere, it was pathetically picturesque. Here in the oldest and largest cut flower mart we have in the country, men were gathered together who have been identified with the flower business since the old days, aye, back to forty years ago, who have struggled and toiled on, winter and summer alike, working like slaves during the day, preparing their flowers at night, and arriving at the market at 6 a. m.; we have known most of them for over seventeen years. God only knows how they stand it, some of them can but grow ivy leaves and candytuft in the tumble-down houses—the nightmares of their lives—whilst others have splendid establishments and are famous for the quality of their products. These men, and women, too, are of all nationalities, but the majority are Germans.

Some years ago they formed a corporation, put their hard earned little moneys into the venture, and have prospered. Success, no matter how small, is capable of bringing contentment to those who have little or no pleasure in life, and any seeming device which threatens to destroy that success is met as a foe and fought most bitterly. This was the case on Saturday, the "well-to-do" element were willing to try their luck with the new venture, but the poorest dreaded the scheme with the full weight of desperation. To them it was a case of the sharks and the little fishes, and history and experience taught them to beware. It even went so far that these small growers were determined to open a market for themselves should the scheme of amalgamation succeed. It would seem assured that there will always be a market near this ferry, yet that there will be a new one on or near Broadway.

Sooner or later we suppose New York will have a creditable plant and flower market, that is inevitable, and there is nothing impossible to a united florists' wish here. The present system and the new proposition is, and would fall short of the requirements. If we could but eradicate the feeling of venomous distrust which seems to pervade and guide the actions of certain elements in our trade, poor New York might at least be a more pleasant place to live in. Some have lived so well, though, that they have become completely blind to the "live and let live" signs. There's an end to every rope. Let us have more honest good feeling; it's badly needed in these short lives of ours.

A Plant Market.

The New York Market Florists' Association held a meeting at the Clinton market restaurant, March 15th. It was decided to open the season on Saturday, March 24th. The above is composed of plant growers from New Jersey and Long Island. Clinton market is the only plant market we have in New York; it is situated at West and Canal streets. The season opens in March and closes in late summer.

New York Gardeners' Society.

The New York Gardeners' Society will hold its quarterly meeting and carnation show in the parlors of the New York Press Club, 34 West Twenty-sixth street, New York city, on the afternoon and evening of March 27th. Mr. C. W. Ward has offered a beautiful silver cup for the best collection of carnations, twelve flowers of each variety, three of the varieties must have originated with either Mr. Ward or Mr. Dörner. F. R. and P. M. Pierson have offered a prize for the best display of carnations. The Florists' Review, through its eastern representative, offers Wm. Scott's grand work, "The Florists' Manual," for the best fifty carnation flowers, not less than three varieties. This prize, value \$5, is offered in this class to give the man with a small place a chance with the big one, and keen competition is expected. The publishers of American Gardening offer two years' subscription to that paper for the best seedling carnation. All the above classes are confined to private gardeners. Certificates of merit will be awarded to meritorious new carnations exhibited by commercial growers.

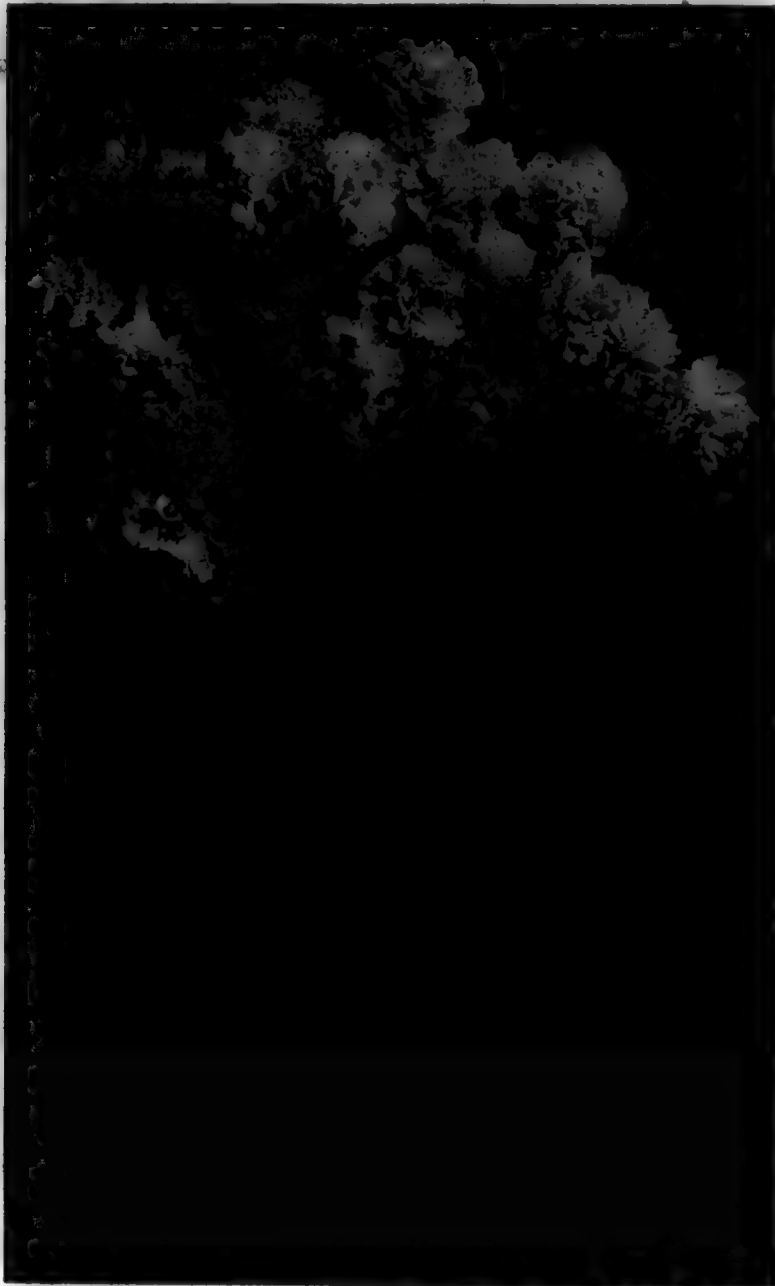
This is a chance to all to have the very highest recognition given to their products. The New York Press Club is composed of the brightest men in the newspaper and literary world of New York, the entire press of the city is represented here, and we feel it is only necessary to state that every courtesy and every opportunity will be afforded the entire floricultural community to exhibit their best that day. Mr. John A. Hennessy and Col. A. B. de Frece, the chairman of the house committee and chairman of the entertainment committee of the New York Press Club, have graciously tendered the use of the club's room for the day, and we hope all will send an exhibit of their new carnations. Any flowers sent to Jas. I. Donlan, at above address, on the 27th of March, will be carefully staged and attended to.

Various Items.

Everyone expects a very good Easter trade. At the present time wheels go slowly.

Mr. Thomas Young, Jr., intends to visit London and Paris this summer as usual, but denies that he intends to open branch stores in those cities.

New York will be a place of much interest next week. We hope to see a



White Cloud as grown at Briar Cliff.
[30-inch stems.] •

most creditable rose show at the Eden Musee on the 27th. Every rose grower in the country should be represented there. There are so many meetings to be held in this city in connection with one flower or another, that a large crowd of visitors is expected.

Bowling scores last night were:

Hafner	153	131	141
Siebrecht	149	147	156
Marshall	143	169	139
O'Mara	175	155	173
Burns	166	170	140
Withers	103	130	122
Taylor	127	113	106
Donlan	124	188	126

J. I. D.

BOSTON.

The Market.

The week past was a very changeable one in many respects, as seen with a floral eye. The weather was particularly that way, varying from summer heat and dusts to winter's bleakest, and one of our wettest rains chased a vigorous snowstorm out of our borders in a way full of points for the burghers.

The first half of the week did a brisk

business for us and we all wore our blandest smile. But that rain damped off everything for a couple of days except a fair movement on funeral trade, and although Saturday did its very best it could not retrieve the lost ground.

Red roses dragged the hardest. Small sizes of other colors sold fairly well and white were scarce Saturday. Holders of large ones wanted more than buyers were willing to pay.

Carnations in light colors went well enough all the week, darker ones at times being too plentiful. Violets are right where they may be expected at this date—a rising wave of them looming before us. Jonquils got very familiar during the middle of the week, but drifted away later. Fine white for finishing funeral work was called for.

News Notes.

News items did not come my way and had no time to go after them.

Mr. Elliott made his appearance upon his old beat around the city the first of the week, his strong appearance calling forth congratulations from his friends. He has interesting reminis-

cences of his two weeks' hospital experiences, where a highly successful operation was performed upon him for one of the worst cases of appendicitis, so he was told.

Grippe has a firm hold of the profession and members are not signing the pledge very copiously just now.

May not a list of the awards at our trade exhibition be of value to your readers, since an account of the show dodged your columns?

They were as follows: E. N. Peirce & Sons, mignonette; J. L. Dillon, Queen Louise violets; Cottage Gardens, Mrs. G. M. Bradt, best variegated carnation; Wm. Sim, Princess de Galles, single violet; D. Carmichael, Eleanor Ames, best dark pink carnation; J. W. Howard, Bridesmaids roses; Wm. Sim, Eldorado, best yellow carnation; M. A. Patten, Gen. Gomez, best crimson carnation; W. L. Minor, Imperial violet; Cottage Gardens, G. H. Crane, best red carnation; L. E. Marquisee received two awards on The Marquis, one for the best vase of carnations and one for being the best light pink. The same exhibitor received an award for carnation novelty.

The present week, March 19th, opened under good auspices all around. Good strong pull on everything.

B. T.

PHILADELPHIA.

The Market.

Trade has been a little quiet the past week; although funeral work served to break the dullness somewhat. Prices: Beauties, \$1 to \$5 per doz.; Brides, Maids, Kaiserins, Golden Gate, Meteors, \$3 to \$10; Morgans, \$3 to \$8; Gontiers, \$3 to \$4; Perles, \$3 to \$6. Cattleyas, 50 cents; carnations, fancy, \$2 to \$4; ordinary, \$1 to \$2; hyacinths, \$3 to \$4; valley and narcissus, \$2 to \$4; daffodils, single, 25 cents to \$1; double, \$3 to \$4; sweet peas, \$1.50 to \$2; tulips, \$3 to \$4; mignonette, \$2 to \$4; violets, single, 10 to 30 cents; double, 25 to 75 cents; adiantum, \$1; asparagus, 50 cents; smilax, 15 to 20 cents.

Various Notes.

M. F. La Roche, of Collingdale, Pa., is sending in some very fine La France roses, with stems 2½ feet long, which sell on sight at 12 cents.

W. K. Harris is supplying some fine tulips in flats.

J. J. Habermehl's Sons, Twenty-second and Diamond, have been quite busy the past week, having the decorating of several large dry goods stores that are preparing for their spring openings.

W. J. Moon is handling some very fine valley, which is supplied by Julius Roehrs, Carlton Hill, N. J.

Mrs. M. Plender reports doing a rushing business in funeral work the past week.

The theater benefit given under the auspices of the Bowling Club was quite a success.

Visitors the past week were: Fred

and James Weir, Jr., of the firm of James Weir's Sons, Brooklyn, N. Y.; A. N. Pierson, Cromwell, Conn., and A. Gude, Washington, D. C.

Charles D. Ball has received a shipment of the Garland iron gutter to be used in the new houses he will build this spring.

Florists' at the Traps.

The first of the new series of handicap tournaments of the Florists' Gun Club was held on March 13th on the club grounds at Wissinoming and drew a big crowd of shooters to the grounds. Tuesday's shoot had fourteen entries, and was closely contested throughout, resulting finally in a tie between Cartledge and Barrett, with handicap of nine. Cartledge made high score with 52, while Barrett with a handicap of 12 scored one less. Coleman, who shot at the lowest mark, made the best score with 22 out of 25, at unknown angles.

Cartledge, 52; Barrett, 51; Dorp, 49; Coleman, 47; Wescott, 47; Parsons, 45; McKaraher, 43; Webster, 42; C. Brinton, 38; Eisenlohr, 38; P. Brinton, 37; Snow, 35; Cummings, 34; Burk, 16.

R.

ST. LOUIS.

The Market.

The market keeps quite firm. There is no overstock and no scarcity in any one line. The quality of stock is generally very good. Bridesmaids, Brides and Meteors are coming in in extra fine quality from Ammann, Vesey, Kellogg, Kuhl, Emundt and others. Our home growers, too, are sending in an extra fine quality of roses, carnations and violets.

The topic for the present is Easter. Growers, retailers and wholesalers all have their interest and their hopes centered in the coming festival. The bright, warm weather of late has hastened the plants along and from appearances there will be an abundance of stock for the usual heavy demand. Last week carnations were very scarce, but are coming in better now, but hardly enough to go around.

Business in general has been good and no effects of Lent have been felt so far. Funeral work, of course, is the bulk of it and all florists as well as the commission houses are satisfied with the business they have done during Lent.

Prices on most lines are easy. Varieties such as Meteors, Brides and Bridesmaids are from \$4 to \$6 per 100; Woottons and Perles, \$2 to \$4; Beauties, extra long, are \$4 per dozen. In carnations Scotts, Daybreaks and all whites head the list; reds are getting more plentiful. A few are sold at \$1.50, but the bulk of them are sold at \$2 and \$2.50, with the demand great. Romans and paper whites are selling at \$2 and \$3; Dutch hyacinths, valley and tulips bring \$2 to \$4; callas, \$6 and \$10; Har-

rislis are still \$12.50; good freesia brings \$2. Violets continue very plenty; there are many more than the market under ordinary conditions can consume. Californias are down to 25 cents; some extra fine ones go at 30 cents; doubles, 50 cents; small single, 10 cents. Southern stock brings about 1 cent per bunch of 25, and lots of others going to waste. Smilax is still plentiful and the demand slow at \$12.50 per 100 strings.

Notes.

Our visitor this week was S. S. Skidelsky, the man who sells everything in the florist line, in resplendent attire and with a smile that would make any man buy his goods.

Mr. Potts has opened his floral store at 3838 Finney avenue, under the name of The Eden Floral Co.

Max Herzog, at Gratiot Station, has purchased 50 feet more ground adjoining his place. Max will build a new house this summer, 100x27, supplied with the new iron gutter which Max thinks is a great thing.

Your correspondent was inquiring among the boys the past week as to how many would go to Chicago with the bowling club, and from their talk the chances are that the visit will have to be deferred until after Easter, but more will be known by Monday night at the club's rolling. We don't want to go without our best team and our own balls, as we well remember what happened to us on our last visit some two years ago.

Bowling.

The members of the bowling club rolled five very poor games on Monday night. It seemed that every one of the bowlers had an off night.

In talking over the Chicago trip it was decided not to visit our Chicago friends until after Easter and about the 22nd of April was set for the Sunday to be in Chicago. So any one wishing to go with us will have plenty of time to think it over and let us know.

The scores for the Chicago boys to look at for this week are as follows:

	1	2	3	4	5	tot.	av.
C. A. Kuehn.....	119	147	133	137	127	663	133
J. W. Kunz.....	130	133	108	160	131	662	132
F. C. Weber.....	131	136	131	130	528	132	
J. J. Beneke.....	108	139	113	172	130	662	132
John Young.....	107	195	103	104	509	127	
F. J. Fillmore.....	110	65	76	117	96	464	93
S. S. Skidelsky.....	..	..	..	98	91	189	94

J. J. B.

BALTIMORE.

Various Notes.

The firm of Madsen & Andersen, rose growers, will be dissolved April 1st. It is composed of William Madsen and Andrew Andersen, and has existed five years, during which time it has been noted for superior American Beauty, La France and Bridesmaid roses, which have been taken regularly by stores with the most exacting and fastidious customers. Their houses have been

models of order, neatness and careful cultivation, whilst the copartners are respected alike for their integrity of character, frankness of speech and modesty of demeanor.

They are both Danes by nationality. Mr. Madsen worked for a time, as we believe, with the late Wm. D. Brackenridge, was afterwards for many years gardener to Mr. Edgar G. Miller, and later began business on his own account.

Mr. Anderson went from Copenhagen to London, where he was engaged with Hugh Low & Co., and was sent by that firm to take charge of the orchid houses of the late T. Harrison Garrett, near this city. He succeeded Mr. Madsen as gardener at Mr. Miller's, and then the two joined forces in the partnership about terminating.

It is said by some who profess to know that the enterprise—though not an extensive one—has been probably the most profitable of any in its line around the city. These two men carried on all the operations of their six houses practically without help, except in the roughest work, attending to all the details of propagating, firing, ventilating, gathering, packing and marketing the crop, etc., with the natural result that their products have long been conceded to be in the very lead in our market. Mr. Madsen will continue the business at the old stand, and Mr. Anderson, whose place adjoins, will at once build a range of houses with all modern conveniences. The change is due to personal considerations, and only friendly relations exist between the parties.

The old Wiedey greenhouses near Mount Washington are being dismantled and the materials removed. This place, except to the originator, has been an unfortunate one to all who have operated it, and a crop of numerous actions at law, civil and criminal, have resulted from the various phases of its occupation by a succession of gardeners.

Edwin A. Seidewitz contemplates radical changes in the conduct of his business, looking to widening his already extended trade. To protect and perpetuate the business, should his personal services be withdrawn, as they may be in part by the demands upon his time of existing and prospective duties, a corporation will be formed, including new and experienced parties, and with an additional capital beyond his present considerable investment. A range of houses will be built near Arlington, one of our accessible suburbs, to be used for the growing of plants, whilst the present establishment at Annapolis will be devoted to producing cut flowers. The store on Lexington street, which has a glass-roofed showroom for the display of plants, will be further improved and every department of the business developed.

Prices have sagged somewhat on flowers for the week ending this day (March 19th), but in some cases they

have regained all they lost, and both roses and carnations have been fairly well taken up. This, notwithstanding two falls of snow and a winter temperature almost as low as any we have had this year. Naturally the Lenten season has diminished the demand for flowers, as is always the case, and big decorations have been entirely lacking, but teas, card parties and small affairs have made a steady if not wholly satisfactory trade, whilst funeral requirements are not at any rate below the average.

The Charles street stores feel the cessation of social festivities more than do the smaller dealers, and the consensus of opinion inclines to the verdict that Lent does not of late years so markedly and summarily decrease sales as it was formerly found to do.

RIX.

CHICAGO.

Club Meeting.

At the last meeting of the Florists' Club a very interesting display was made by Mr. C. J. Stromback, of Lincoln Park, of the hyacinths that had been sent him from the state of Washington for trial. There were a dozen plants in 4-inch pots, all in splendid bloom, the varieties being Gertrude, Norma, Gen. Pellis, Marie and King of the Blues. These were three-year-old bulbs, having been imported from Holland when one year old and grown two years by a Mr. Larrabee, of Fairhaven, Washington, on land about five or six feet above the sea level. All bore two good spikes of bloom, and Mr. Stromback said the bulbs were the largest hyacinth bulbs he had ever seen.

Among the visitors at the meeting was Mr. B. D. Kapteyn, representing a firm of bulb growers at Sassenheim, Holland, and he said he was surprised to see such fine spikes of flowers from bulbs grown in America; they were far ahead of what he had anticipated. He expressed the belief that when experienced growers of bulbs were employed here that success in bulb growing would be assured. He doubted, though, whether American growers would be so successful in propagating their own bulbs as in growing on young bulbs imported from Holland. He stated that in Holland the bulbs were not grown to maturity in the same soil. The soil is varied from year to year, and long experience had been required to demonstrate which soil is best at each particular stage of development.

The Holland growers had found some varieties much easier to grow than others and he predicted trouble when American growers attempted to produce bulbs of such sorts as La Grandesse and Czar Peter. These varieties are subject to a bacterial disease that generally appears a few days after a rain and which sometimes in a few hours will destroy a large number of bulbs. Its presence is first shown by

the appearance of small specks on the leaves. No remedy has been discovered and the Holland growers simply remove the affected soil and start afresh. They could never succeed with the delicate varieties when planted in a heavy soil.

Mention having been made of some Washington grown tulips that bore two flowers, he stated that this occasionally happened with certain varieties, Proserpine, Chrysolora and Rembrandt being the only ones he had known to bear twin flowers.

Mr. Simon, who had several times visited the bulb growing section in the state of Washington, read an article descriptive of the climate, soil, etc., of the Puget Sound country and answered inquiries as to the methods pursued in growing the bulbs.

The Chicago Carnation Co. displayed flowers of four of their seedling carnations. No. 44, a fine large red with ideal stem, scored 86 points and received a certificate. No. 82, a variegated in the way of Bradt and Olympia, and with an excellent stem, scored 88 points and also received a certificate. No. 64, a variegated somewhat in the way of Sandusky, scored 70 points, and Chicot, white, scored 81 points. The judges were Messrs. John Reardon, C. J. Stromback and P. M. Broadbeck.

Mr. John Reardon showed a small plant of Western King chrysanthemum bearing six very fair flowers. This variety seems inclined to produce flowers the year around.

Four new members were elected, as follows: Wm. Timme and Frank Fisher, Joliet; Martin Magnuson, Bowmanville; Chas. Hughes, city.

"Easter Plants" was the subject selected for the next meeting.

The Market.

The supply has been somewhat curtailed and flowers are rather scarce, especially white carnations. There is no appreciable change in prices, but selling figures are kept well up to quotations. Violets are an exception, however. The poor violet is badly in the dumps. They don't move and there are literally violets to burn.

The cut of Beauties has materially increased and they are selling well. Bassett & Washburn are now cutting 1,000 Beauties a day and they all go.

The cut of carnations has considerably fallen off and it is feared there may be a shortage for Easter, though a good crop of roses seems assured.

Various Items.

James B. Seward, for many years well known to the trade in this city, died March 17 of pneumonia, aged 70 years. Mr. Seward was a relative of Wm. H. Seward, who was secretary of state when Abraham Lincoln was president, and had been a resident of Chicago for forty-five years. He marketed his flowers personally for many years and the old gentleman with his basket was a familiar figure to the retailers.

He had lived in his house on East Forty-seventh street during the entire period of his long residence in this city.

Mr. Philip Scott, Buffalo, son of Wm. Scott, passed through the city last Tuesday on his way to Denver, having taken a position in the store of the Park Floral Co., of that city. He was accompanied by the wife of Mr. M. Bloy, who recently went from Buffalo to take charge of the greenhouses of the same firm. It was Mr. Scott's first visit to the city, and he seemed to enjoy the sights and the bowling in the evening, ere taking his train for the west.

Three games were played at Anson's and the scores were as follows:

	1	2	3	av.
Philip Scott	169	182	176	175
Ed. Winterson	151	183	151	161
Geo. Asmus	205	172	161	179
Jno. Degnan	153	122	141	141

The bowlers have arranged to visit Joliet this coming Saturday evening and try conclusions with a team selected from the florists there. The employees of the Chicago Carnation Co. will no doubt figure largely in the Joliet team.

Fire did damage to the amount of \$170 to the store of Chas. Neiglick at 239 North State street, last Saturday morning.

The Weiland-Risch Floral Co., who have quite a range of glass at Evanston, will open a city wholesale store at 59 Wabash avenue about April 1.

Mr. Flint Kennicott, president of Kennicott Bros. Co., though decidedly an "old timer" in the trade, is still a comparatively young man and keeps in close touch with the details of the large business of which he is the head.

Mr. C. L. Washburn has returned from his sojourn at West Baden, Ind., considerably improved in health.

Mr. O. W. Frese has returned to his first love and is again in the wholesale line, this time as manager for George Reinberg. The retail store at 72 State street is now conducted by his brother, H. C. Frese.

Mr. Adolph Poehlmann has withdrawn from the firm of Poehlmann Bros., his interest having been purchased by his brothers John and August, who will continue the business under the old firm name. John will continue in charge of the city salesroom and August will look after the greenhouses at Morton Grove. Adolph is arranging to build greenhouses of his own, probably at Morton Grove.

Mrs. Bella Miller, who has conducted the floral store at 730½ West Madison street for the past five or six years, was found dead in bed the morning of March 16.

John Ring, a well known journeyman florist, was killed by the cars last Sunday at LaGrange.

Geo. T. King, of Boston, is in the city, in the interests of Nicholson's Dictionary of Gardening.

BUFFALO.

March so far has been like Mrs. Gargery, continually on the rampage. If well distributed there has been enough winter in March to cover the whole season, and still we live and perhaps in a few days will wake to hear the robin and bluebird piping a cheery note on a near-by apple tree. The croak or chirp of the frogs and toads in the nearest swamp or marsh is fine music for the first few days.

Mr. James Kidd, late of San Francisco, who recently passed through here on his way east, remarked how enjoyable it was to see the snow. He expressed himself as utterly tired of the Pacific slope weather. A few weeks of rain, perhaps, and all the rest of the year burnt up. A New Yorker sees California in March after the rains and thinks it charming. If the same man saw it in August or September, when everything but irrigated spots is brown and burnt, he would have a different story to tell.

This perpetual sun and balmy breeze may produce gold, grizzlies and greasers, but the supply of men and women who rule and lead the world must forever spring from the unfavored climes; "Land of brown heath and shaggy wood, land of the mountain and the flood." So I believe we should be thankful we are in the north where we get changes and variety of climate, and we greatly relish the changes as we do beefsteak and mushrooms after two days of pork and beans.

Business from one cause and another has been quite fair, and there has been an abundance of good flowers to fill orders. The writer gave up his downtown store last week, but fully expects to do more business and do it better in every way at the Cold Springs place, which, through the growth of the city, is very central for the residence district.

The sensation in getting rid of this store is precisely like a man who has been condemned to carry a back-breaking burden along a dusty road to a given milestone, and when he reached that he was allowed to throw the burden in the ditch.

The very severe weather has been unfavorable for work on the Pan-American, but excavation on the canals has kept steadily on and many large trees are being brought on the grounds and permanently planted. The greatest activity must start up directly winter loosens her icy grip, for most of the buildings will be started at once and Mr. R. Ulrich will be the busiest man in the country, for he will need an army of men to convert the rather unfavorable ground into the many beautiful landscape features.

I think that I entirely forgot to mention the very pleasant call of General John Walker on his way home from Cleveland some two weeks ago. "General John" sounds pleasant and hackneyed, but in this case there is nothing

else fills the bill, for truly John is a pleasant fellow. If you can't spend a pleasant time with John you should "get thee to a nunnery," or a hennery, they are all the same to me. It should be noticed by young men in the business that Mr. Walker, who is certainly a success at it, is heart and soul in the business, loves to talk it, and like all enthusiasts is as anxious to learn a point as to impart one.

John's average here in a few games of bowls was 117. Now there must be something easy in those Broad street alleys where John Westcott can bowl 155. They are perhaps especially constructed for elderly men. We had one here like it, but they floored it over and now it's a soup kitchen.

Another of the Buffalo boys has left us. Philip Scott, with Mrs. M. Bloy and her little son, left last night for Denver. Mr. Bloy went there six weeks ago to take charge of the Park Floral Co.'s extensive place, and I think the sincerest proof of his success is for Mr. Valentine to send back for more of the same school. P. S. will take charge of the fine store of the firm and assurance that he is making a success of his charge will be a happy day for his parents. Philip is supposed to be a great bowler; he has been, although never shining out in our national games, but what he really is is a great ball player. So let Denver select its pitcher, for you have now a catcher. Manly sport and the desire to hunt and shoot is as natural in a healthy boy as to breathe, but like other instincts inherited from remote and savage ancestors they fade away with our present environments. Don't for our physical welfare let them fade too fast, but be sure to let them be subordinate both in thought and practice, to your business duties.

W. S.

WATERTOWN, N. Y.

Death of W. W. Greene.

Westel Willoughby Greene, aged 80 years and 6 months, died suddenly from heart failure at his home, 83 Washington street, Watertown, N. Y., on March 9th, 1900.

The past winter has taken from our midst many of our old residents, those who have been ever watchful of the interests of Watertown and its surroundings and who have responded to every call with their strength to help push the wheel of progress and make the city one of the best.

We are now caused to mourn the death of W. W. Greene, who possessed all these qualities and more, one whose success in life was due to prompt business habits and strict integrity, one who was a thorough Christian and before all he placed his church and home, ever ready with a kind and loving word and helping hand to guide the ship of life. Modest and unassuming, he possessed that talent in that he loved nature, flowers. He was the oldest florist in Jefferson county.

In 1853 he founded the Jefferson County Nurseries, the first industry of its kind to be established in this county. The business increased and grew to enormous proportions under his management, and for many years was conducted by Mr. Greene and his son, J. F. Greene, under the firm name of W. W. Greene & Son.

In 1895 Mr. Greene retired from the business, owing to old age, but not until he had given it a standing that will cause it to live long. The business is now conducted by Greene & Underhill, the senior member being Mr. Greene's eldest son.

The deceased was born in this city in the year 1819. He was the son of Jacob Greene, who settled at Perch River in 1814. John Coddington Greene was the deceased's grandfather and was first cousin to Gen. Nathaniel Greene, an honored hero of the revolutionary war. Mr. Greene's ancestry was a notable one and their names may be found interwoven in all the great historical events of Jefferson county since the revolutionary war.

When 12 years of age Mr. Greene removed to Albany county, where he became a member of the Shakers' Community. After remaining there until 1852 he returned to this city and shortly after married Elizabeth Ingham, who survives him; also two sons, J. F. and W. C. Greene, of this city, and two daughters, Mrs. G. N. Sayles, of this city, and Mrs. F. P. Trench, of Lawrenceville, N. Y.

The funeral was held on Sunday, March 11, 1900, Mr. A. M. Dullay, pastor of the First Presbyterian church, of which Mr. Greene was a member, officiating. Interment was at Brookside cemetery.

H.

OCEANIC, N. J.

The Monmouth County Horticultural Society held its regular semi-monthly meeting March 17th, with President Kettel in the chair. The meeting was well attended and the proceedings were of much interest to those present.

The ball committee reported all bills paid and a surplus of over \$40 on hand. Short speeches were made by Prof. C. H. Walling, T. S. Barkuloo, H. A. Kettel, N. Butterbach and others.

The secretary was instructed to notify every member to be present at the next meeting, April 6th, for the transaction of very important business.

B.

SYRACUSE, N. Y.

Trade has been quite a little brisker since Lent began. Flowers of all kinds are plentiful, with the exception of roses. Bulb stuff goes rather slowly, yellow tulips, daffodils and valley being the best sellers.

Yellow teas and functions more numerous in place of the red ones of last year. Golden Gate roses are fast becoming favorites, the extras on long stems bringing 75 cents each at retail.

R. B.

THE GLASS SITUATION.

The following report, which recently appeared in the daily press, was referred by us to a large dealer in glass, who replies that the report is about correct, and that the Glass Workers' Union will build three tanks so as to manufacture glass this fall, and are to assess the workmen weekly to raise money to build the same. The dealer continues: "But whether they will be able to continue building them is another question, and our idea is that the present manufacturers will make prices low enough so that they will not be able to make the profit that they expect. We do not look for any lower prices certainly before fall, and really glass is being sold at a decline in price while most other building materials are sold at a considerable advance."

If the glass workers are really as strong as indicated in the report we print below it would appear that they will have little difficulty in eventually controlling the manufacture of glass, and the price at which it shall be sold, at least up to the point where it may be profitable to import glass from Europe. But the present manufacturers will probably not succumb to this "labor trust" without a struggle, and the "war" may bring prices to a lower figure than ever before. Still it would not be a safe proposition to figure on. But what will be the price of glass should the "labor trust" get absolute control?

We hear so much of capitalistic trusts that "labor trusts" seem strange to us. But they may prove to be even more powerful than the other type. Following is the report referred to:

Window glass workers are planning to force the manufacturers out of business and gain complete control of the industry in the United States.

By way of beginning it has practically been decided to construct three large "continuous tank" furnaces for the manufacture of window glass, and to have them completed and in operation by Sept. 15. This entering wedge will be followed by others as rapidly as the workmen can perfect plans, and it is said that inside of five years there will not be a foot of window glass manufactured in this country except by the capital of the workmen who make it. The scheme to invade the manufacturing field has been fostered in the breasts of the workmen for several years, and has been carefully nurtured to a great strength.

The beginning was the establishment of several small co-operative factories in various parts of the country, and the success of these has made the workmen confident that they can enjoy the manufacturing as well as the labor end of the industry. The plan has been carefully worked out and submitted in detail to the "preceptories" all over the country. Every window glass worker in the United States is a member of a "preceptory," and the "preceptories" make up the national window glass workers' organization, which is known as Local Assembly 300, K. of L.

In the voting sheets which were sent out by the executive committee the plan is set forth circumstantially, and the object is stated to be: "That said membership may attain industrial independence and receive a greater share of the profits and benefits of their labor." Apparently the workmen are in a position to organize the new trust without material opposition. Present manufacturers are at the mercy of the workmen's organiza-

tion, which is the most powerful of its kind in the country. Its strength lies mainly in the fact that its cast iron rules have kept the supply of labor way below the demand.

The tremendous power this gives them is illustrated by the fact that, although there are 2,400 pots available in the United States, there are workmen to operate only 2,100 of them. Of this number 1,400 are in trust factories. The 700 outside of the combination have made the competition for workmen so sharp that laborers have been able to secure wages way above the regular scale. No one is eligible to an apprenticeship in this iron-clad labor trust unless he be the son or brother of a blower or gatherer. If, however, he is a skilled laborer from a foreign country and desires to become a member, he may do so if he proves acceptable by paying into the treasury the sum of \$500. For years the manufacturers have endeavored in vain to destroy the effect of these rules by importation of labor and by other expedients, but the organization has remained in control of the situation.

As soon as the three furnaces now contemplated are completed they will be manned by skilled workmen taken from some of the factories of the combined or independent manufacturers, leaving the abandoned concerns powerless to obtain men to man their furnaces. From time to time the contributions of the workmen will be added to the profits of the factories in operation and the money used in building additional furnaces or in purchasing those already in existence. It is thought that as soon as the original furnaces are in operation and the manufacturers realize that they are going to be forced out of business, the workmen will have no difficulty in purchasing at reasonable prices all the plants they need.

So far as known there will not be an attempt on the part of the workmen to enter the field of distribution of the finished product, and it is likely that the present method of distribution will not be disturbed. The strength of the organization is so great and so generally recognized that no fear is felt that there will be trouble over the distribution when the output is under control of the workmen.

BULB GROWING IN THE SOUTH.

During the past twelve years I have experimented in various lines in this locality, with fine soil, seasons and climate, well adapted to growing many plants, trees and bulbs. The tuberose, gladiolus, etc., increase very rapidly. The season is long and favorable.

It seems to me that anyone who understands the growing of bulbs might grow them largely here at small cost, and be able to compete with the imported stock.

Roses and ornamental stock are easily produced, and with a growing season of about eight months our one-year-old stock competes with two-year-old stock grown in the north.

J. F. WILSON.

Poulan, Ga.

DETROIT, MICH.—Beard Bros., the West Fort street florists, have purchased the greenhouses and equipments belonging to C. H. Michell on Grosse Isle and will move them to their Fort street grounds.

PAWTUCKET, R. I.—Mr. James Hockey, who is president of the Rhode Island Florists' and Gardeners' Club for the present year, is now opening the Prospect Greenhouses, Dunnell Estate, this city.

GROWERS Give Your Boys a Chance to Earn Pin Money by Selling TOBACCO WHALE OIL SOAP and TOBACCO DUST

during their leisure moments. Have them send for my sample outfit, postage prepaid. A bicycle in addition to a commission to boy selling largest quantity of Tobacco Whale Oil Soap by July 1st. If he does not want a bicycle, I will give him his choice of any article that can be purchased for \$25.00. Should a tie occur the prize will be divided equally. Winner's name in this paper first week in July.

H. A. STOOHOFF, 116 West St., N. Y. City.

Mention The Review when you write.



DAHLIAS BY THE THOUSANDS. Do you want the finest novelties, or are the older tested ones good enough? I have both, and they have taken the highest national honors. Am also headquarters for Cannas, Gladiolus and Paeonies. Write for catalogue and prices. W. W. WILMORE, Dahlia Specialist, DENVER, Colo. Box 382.

Mention The Review when you write.

EASTER PLANTS

Azaleas from 50c to \$6.00 each.
Erica Heather, \$12.00 to \$15.00 per doz., in perfect bloom, in three varieties.
Erica cupressina, \$2.00 to \$2.50 each.
Lilies, 10c and 12c by the 1000 per bud.
Metrosideros from \$1.00 to \$5.00 each.
Lilac, \$15, \$18 and \$24 per doz., in variety.
Cash with order.

ANTON SCHULTHEIS,

P. O. Box 78, College Point, NEW YORK CITY.

Mention The Review when you write.



Order now and be sure of your stock for balance of season.
Fine Line of GALAX LEAVES.
CROWL FERN CO., - MILLINGTON, MASS.

Mention The Review when you write.

EDWARD B. JACKSON, Wholesale Florist.

HARDY HERBACEOUS PLANTS ONLY.

In any quantity for the least money.

STAMFORD, CONN.

Mention The Review when you write.

Rooted Cuttings. USUAL PRICES.

Coleus, Verschaffeltii, Golden Queen, Mixed, Heliotrope, Double Petunias, Salvia, etc. Alternanthera, four kinds. L. H. FOSTER, 45 King St., Dorchester, Mass.

Mention The Review when you write.

DUCHESS OF MARLBOROUGH VIOLET.

Several inquiries regarding the Duchess of Marlborough violet, quoted in our San Francisco news letter, were sent us, and these were forwarded to our San Francisco correspondent, who replies as follows:

"In answer to your letter of March 3d concerning Duchess of Marlborough violet, would say it is a grand violet, with fine fragrance, long, stiff stems, in color a rich magenta, and it keeps well. It also has the good quality of being a late violet; that is, good, large, salable flowers can be picked from the plants when the Princess of Wales and California are almost worthless, it stands the warm spring weather so well.

"Mr. Thomas Stevenson, The London Florist, is the gentleman that has it and the only grower here who has a stock. He obtained his stock from Sutton & Sons, Kent, England. He thinks so well of the violet that he has just completed a plantation of two acres of the Duchess. Its market value is double that of the Princess of Wales at retail just now. The Princess sells at 25 cents per bunch, while the Duchess sells for 50 cents a bunch. Our bunches in this market contain from 75 to 100 blooms.

"The violet is a new one in this market and is quickly bought up. The public seem to know a good thing when they see it, hence the high price. Mr. Stevenson says he will have plants ready in about two months from this date at 25 cents per plant and will be glad to supply any one desiring stock."

COLUMBUS, O.

The ouster proceedings instituted against Miss Hester Getz, the florist, by Cross & Co. have been decided in favor of the latter. The store space was leased to Florist Roth.

During the progress of the trial the revenue stamp question proved one of the leading features, the question being raised as to the time the stamps were placed on the document.

DENVER, COLO.

On the night of March 13th the Denver Florists' Bowling Club made the following scores:

	1	2	3	av.
A. E. Mauff	179	186	147	171
John Berry	133	224	152	170
Geo. Brinkert	133	163	176	169
Chas. Mauff	187	168	132	162
Chas. Franz	158	145	159	154
M. Bloy	111	126	170	136
Ed Emerich	110	163	132	135
Geo. Zimmer	110	98	97	102
J. A. Valentine				

J. B.

WE LEARN that Mr. William Scott, of Buffalo, has been confined to the house for a few days by illness resulting from a bad cold. Last report was that he has materially improved and expects to be about again shortly.

R. C. Carnations. Closing Out Prices.

	Per 100
Mrs. Thos. W. Lawson	\$12.00
Olympia	12.00
Genevieve Lord	9.00
John Young	1.00
White Cloud	2.00
Mrs. Bradt	2.00
Gold Nugget	2.00
Argyle	.75
Armadillo	.75
Flora Hill	1.00
America	2.00
Melba	2.00
Glacier	2.50
Maud Adams	2.00
Empress	.75

	Per 100
Psycho	\$.75
Mary Wood	3.00
Morning Glory, light pink	6.00

Unrooted Carnation Cuttings.

	Per 100
G. H. Crane, side cuttings, fine	2.00
Glacier	1.50
Mrs. G. Bradt	1.50
Melba	1.50
Gold Nugget	1.00
Flora Hill	.50
Mary Wood	1.50
White Cloud	1.00
America	1.75

Above Unrooted Cuttings prepaid by mail.

PLANTS--ALL GOOD STOCK.

	Per 100
Geranium De Roo Mitting, 2 1/4-in.	\$7.00
" Double Snow Drop	7.00
" Mme. Sallerol	2.00
" Named, our selection only, 2 1/4-in.	2.00
New Yellow Baby Primrose, in full bloom, 2 1/4-in.	7.00
Salvia Clara Bedman, 2 1/4-in.	1.50
Coleus, named	1.50
Petunias, double, mixed, fine, 8-in.	2.00
Primula Obconica, in bloom, 3 1/4-in.	2.00
" Chinese, 2 1/4-in.	2.50
	1.00

	Per 100
Primula Chinese, from flats	\$.50
Begonia, flowering, 12 named, var., 2 1/4-in.	1.50
Forget-Me-Not, winter flowering	1.50
Iresines, red and yellow	1.50
Mesembryanthemum, basket plant	1.50
California Moss	1.50
Lobelia, Crystal Palace Gem	1.50
Feverfew, Little Gem	1.50
" yellow foliage	1.50
Cigar Plant	1.50
Abutilon, mixed	1.50
Roses, Bride, Bridesmaid and Perle	2.00

THE MORRIS FLORAL CO., Morris, Ill.

Mention The Review when you write.

Begonia Caledonia The White Lorraine

We are now booking orders for Fall Delivery.

Plants from 3-1/2 inch pots, \$5.00 each.

R. & J. FARQUHAR & CO.

16 and 18 South Market St., BOSTON, MASS.

Mention The Review when you write.

PETUNIA PINK PERFECTION

A sterling novelty for 1909. Has stood the test as a pot plant or a bedder; it has no equal. Color shell pink, very double and large size, equal to any rose. Always full of blooms, and dwarf in habit, making it a valuable pot plant. Is admired by all who have seen it.

Orders booked for delivery in rotation. Strong plants from 2 1/4-inch pots, per doz., \$2.00; per 100, \$12.00. Cash must accompany all orders. Originators:—

H. BANYARD & SON, - Clementon, N. J.

Mention The Review when you write.

MARIE LOUISE VIOLETS.

10,000 strong rooted cuttings from sand, clean and in fine condition. If not satisfactory, pack carefully and return them to me and your money will be cheerfully refunded. These cuttings were intended for my own use, but got no room, so they must go, and those who get them will be well pleased. The above cuttings I will sell at \$10 per 1000. Also got rooted Runners for \$6 per 1000. Cash, please.

C. LAURITZEN, Rhinebeck on the Hudson, N. Y.

Mention The Review when you write.



Trade List now ready 5000

Each of the Following:

- DAHLIAS. Whole roots, fine assortment at \$60.00 per M.
- WICKBURIANA ROSES. 1 and 2 years, \$50.00 and \$75.00 per M.
- ROSA MULTIFLORA JAPONICA. 2 and 8 yrs., \$50 and \$75 per M.
- ROSA BUGONA. 8 to 4 feet, at \$250.00 per M.
- HALL'S HONEYSUCKLE. Strong, \$50.00 per M.
- CLEMATIS PANICULATA. Pot grown, \$80.00 per M.
- Clematis Paniculata. 2 yrs. field grown, \$90.00 per M.

The Wm. H. Moon Co. Morrisville, Pa.

Mention The Review when you write.

CYCLAMEN

2 1/2-in. and 3-in. pots, \$5.00 per 100.

Nathan Smith & Son, Adrian, Mich.

Mention The Review when you write.

...MAMMOTH VERBENAS...

Mammoth Verbenas, large rooted plants, 60c per 100, \$4.50 per 1000. Cyclamen, 3-in., \$5 per 100; in bud and bloom, 4-in., \$1.25 per doz. Stocks, white or mixed, double, 2-in., \$1.50 per 100.

Rooted Cuttings—Dble. and single Petunias, mixed, \$1.00 per 100. Lobelia, \$1.00 per 100.

SAMUEL WHITTON, 15-17 Gray Ave., UTICA, N. Y.

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E. H. HUNT

THE "OLD RELIABLE" FOR

**Wholesale
Cut Flowers**

Hunt's Flowers Go Everywhere.

76 Wabash Ave. CHICAGO.

Mention The Review when you write.

MILWAUKEE.**Death of A. Middlemass.**

Archibald Middlemass, the well known florist of this city and a veteran in the trade, died March 15 of pneumonia, aged 58 years. The fatal illness resulted from a cold contracted while at work around his greenhouses on Forest Home avenue.

Mr. Middlemass was 58 years of age and a native of Edinburgh, Scotland. He moved to Brooklyn, N. Y., with his family on the death of his father in 1851, and came to Milwaukee eight years later to take charge of the private greenhouses and gardens of David Ferguson. A few years later he went into partnership with John W. Dunlop as florist and nurseryman, and for five years they conducted the Rose Hill nursery at the junction of Forest Home and Muskego avenues. In 1870, they separated, and Mr. Middlemass began business alone on the property where he lived at the time of his death.

He was a lifelong member of St. Andrew's Society and of the Milwaukee Curling Club, and was always prominent at the social and literary gatherings of the former and the tournaments of the latter. He was director of the games at the annual Scotch picnics for a number of years. He was twice president of St. Andrew's Society.

Mr. Middlemass was twice married, and is survived by a widow, two daughters and two sons. Miss May Middlemass, one of the daughters, is a kindergarten director in the Eleventh district primary school.

GERMANTOWN, PA.—Several local florists were recently caught by the bogus check man. The usual procedure was to order a \$7 design and tender a \$15 check in payment. The checks proved worthless and the florists were out of pocket the \$8 change as well as the cost and trouble of making the design, which was ordered sent to some spurious address.

JACKSONVILLE, ILL.—Jos. Heisl is about to build a new house and will use the Garland iron gutter.

**McKELLAR & WINTERSON'S
Modern Supply House**

is the place to buy your CUT FLOWERS, SUPPLIES, SEEDS, etc. MASSACHUSETTS FANCY FERNS, per M, \$1.50; 5 M lots, \$6.25. Now Ready.....CARNATION CUTTINGS, VIOLET PLANTS, FORCING ROSES, YOUNG STOCK OF ALL KINDS.

WESTERN AGENTS FOR

Imperial Plant Food and Fertilizers.

For prices, etc., see our new catalogue.

McKELLAR & WINTERSON, 45-47-49 WABASH AVE., CHICAGO.

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Bassett & Washburn**76 Wabash Ave., CHICAGO, ILL.**Wholesale Growers of and Dealers in **CUT FLOWERS**

Greenhouses at Hinsdale, Ill.

Mention The Review when you write.

PETER REINBERG,Wholesale **CUT FLOWERS.**

500,000 feet of Glass.

Headquarters for fine AMERICAN BEAUTIES.

51 Wabash Avenue, CHICAGO.

Mention The Review when you write.

A. L. RANDALL

Telephone 1496



Wholesale Florist,

4 Washington St., Chicago.

In our new and enlarged quarters we are better prepared than ever to handle your orders.

Mention The Review when you write.

WHOLESALE GROWER OF ROSES. DEALER IN **CUT FLOWERS.****J. A. BUDLONG,****37-39 Randolph St., CHICAGO, ILL.**

Mention The Review when you write.

Maplewood Cut Flower and Plant Co. GEO. M. KELLOGG, Pres.Growers of **CUT FLOWERS** at Wholesale.

Regular shipping orders given special attention. We have the largest plant west of Chicago.

Store: **908 Grand Ave., KANSAS CITY, MO**
Greenhouses; Pleasant Hill, Mo.

Mention The Review when you write.

WIETOR BROS.Wholesale Growers of **Cut Flowers.**

All telegraph and telephone orders given prompt attention.

51 Wabash Avenue, CHICAGO.

Mention The Review when you write.

C. A. KUEHN WHOLESALE FLORIST

Cut Flowers and Florists' Supplies.

Manufacturer of the Patent Wire Clamp Floral Designs. A full line of supplies always on hand. Write for catalogue and prices.

1122 PINE STREET, ST. LOUIS, MO

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**H. Berning**

WHOLESALE FLORIST,

1322 Pine Street, ST. LOUIS, MO.

Mention The Review when you write.

ELLISON & TESSON,
WHOLESALE SHIPPING**FLORISTS****3134 Olive Street, ST. LOUIS, MO.**

...Home Grown Stock...

Mention The Review when you write.

Cincinnati Cut Flower Co.W. A. MANN.
FRANK W. BALL.**416 Walnut St. CINCINNATI, O. Wholesale Florists**Consignments Solicited.
Special Attention Given to Shipping Orders

Mention The Review when you write.

Mention The Review when you write.

We are the Oldest, Largest and Most Reliable Cut Flower Commission House in the West.

CUT FLOWER PRICE LIST.

American Beauty, long...	per doz	\$4.00 to \$5.00
" " medium "	"	3.00 to 3.50
" " short "	"	1.00 to 1.50
Bride, Maid, Meteor	Per 100	\$ 5.00 to \$ 8.00
Perles		2.00 to 4.00
Carnations, fancy		8.00 to 4.00
" common		1.50 to 2.00
Callas and Harrisii		10.00 to 12.50
Tulips		2.00 to 3.00
Daffodils		2.00 to 3.00
Violets		.25 to 1.00
Smilax		10.00 to 15.00
Adiantum		1.00

CARNATION CUTTINGS.

	Per 100	Per 1000		Per 100	Per 1000
G. H. Crane	\$8.00	\$50.00	John Young	\$2.50	\$20.00
Mrs. Geo. M. Bradt	5.00	40.00	Cerise Queen	2.50	20.00
White Cloud	4.00	30.00	Jubilee	2.00	15.00
Maceo	6.00	50.00	Flora Hill	2.00	15.00
Gomez	5.00	40.00	Mayor Pingree	2.50	20.00
Glacier	6.00	50.00	Triumph	2.50	20.00
America	5.00	40.00	Daybreak	2.00	15.00
Gold Nugget	4.00	30.00	Evelina	2.00	15.00
Mary Wood	3.00	25.00	Wm. Scott	2.00	15.00
Melba	3.00	40.00	Albertini	2.50	20.00
New York	3.00	25.00	Meteor	2.00	15.00
Mrs. James Dean	3.00	25.00	Argyle	2.00	15.00
Mrs. Frances Joost	3.00	25.00			

Best Stock Always Shipped
Unless Otherwise Ordered.

KENNICOTT BROS. CO., 42-44 E. Randolph St. CHICAGO.

MR. FLINT KENNICOTT, President of the KENNICOTT BROS. COMPANY, can be found at the store every day.

Mention The Review when you write.

"A BIRD IN THE HAND IS WORTH TWO IN THE BUSH."

If fairly well satisfied now where you are buying, stay there; if not, come to us. If we are using you well stay with us—you can do no better elsewhere.

WE SELL CUT FLOWERS -- GOOD FLOWERS.

E. C. AMLING,

WALTER S. HEFFRON, Mgr. 32-34-36 Randolph St., CHICAGO, ILL.

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...SPECIAL... ROOTED CUTTINGS.

Choicest Varieties. Lowest Prices.
Finest Stock.

50,000 Carnations, standards, \$7.50 per 1000. Descriptive list, 25 choicest up-to-date varieties.

Roses, strong, 2½-in., Brides, Meteors, Maids and Perles, \$3.50 per 100; \$30.00 per 1000. Strong rooted cuttings of the same, \$1.50 per 100; \$12.50 per 1000. Elegant stock.

50,000 Verbenas, 20th Century collection, 32 Grand Mammoth varieties, the cream of all the latest and choicest up-to-date, 60c per 100, \$5.00 per 1000.

50,000 Dble. Fringed Petunias, Henderson's and Dreer's latest sorts. We all know that they lead the world. \$1.00 per 100, \$8.00 per 1000. Strong, 2-in., \$2.00 per 100, \$18.00 per 1000.

Alyssum, strong 2-inch, 2 cents.

Geraniums, sweet scented, strong 2½-inch, 2½ cents; strong 2-inch, 2 cents. Mme. Sallerol, strong 2-inch, \$2.00 per 100.

Ageratum, Princess Pauline, the only one to grow, \$1.00 per 100. Extra strong, 2½-inch, full of cuttings, \$2.50 per 100.

Salvia Splendens, no other so good, \$1.00 per 100. Extra strong, 2½ inch, \$2.00 per 100.

Fuchsias, 6 best sorts, strong rooted cuttings, \$1.50 per 100; \$12.50 per 1000. Black and Purple Prince, strong, 2½-in., 3c; strong, 2-in., 2½c.

Smilax, 2-in., \$1.00 per 100; \$8.00 per 1000.

Lobelia, (trailing) indispensable for baskets, etc., strong, 2-inch, \$2.00; strong rooted cuttings, \$1.00 per 100.

Vincas, strong, 2½-in., Major and Variegata, 3c; strong, 2-in., 2½c.

Cinerarias, extra strong, 2½-in., 3c; 2-in., 2c.

Marguerites, New California Giant White, rooted cuttings, \$1.00 per 100; strong, 2½-in., \$2.50 per 100. New Golden, same price, rooted cuttings and pot plants.

Our wholesale descriptive list of Specialties mailed on application. Terms, strictly cash with order. Small packages by mail.

SOUTH SIDE FLORAL CO., - Springfield, Ill.

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BENTHEY & CO.

F. F. BENTHEY, Mgr.

WHOLESALE AND COMMISSION Florists. Consignments Solicited.

41 Randolph St. CHICAGO.

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E. G. Hill & Co.

Wholesale Florists,

RICHMOND, INDIANA.

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PANSIES... WORTH RAISING

Good Plants by express, \$2.50 per 500; \$4.00 per 1000. Seed as usual.

C. SOLTAU & CO., 199 Grant Avenue, JERSEY CITY, N. J.

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GALAX LEAVES.

Chas. H. Ricksecker, Linville, N. C.

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Verbena King.

Verbenas, rooted cuttings, 60 cts. per 100; \$5.00 per 1000; \$22.00 per 5000; 2-inch, fine plants, \$2.00 per 100; \$18.00 per 1000.

AGERATUM—Lady Isabel and Cope's Pet, 60 cts. per 100; \$5.00 per 1000.

DAISIES — California and Yellow Castle, \$1.10 per 100; \$9.00 per 1000; 2-inch, \$2.00 per 100.

CARNATIONS

Flora Hill	\$1.50 per 100; \$14.00 per 1000.
Morello	1.50 " 14.00 "
Mayor Pingree	1.50 " 14.00 "
Daybreak	1.50 " 14.00 "
Wm. Scott	1.00 " 8.00 "
McGowan	1.00 " 8.00 "

HELIOTROPES — 10 best varieties, \$1.00 per 100; \$8.00 per 1000; 2-in., fine plants, \$2.00 per 100; \$18.00 per 1000.

Express paid on all Rooted Cuttings and satisfaction guaranteed for that cash please.

C. HUMFELD, Clay Center, Kan.

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ROSES. To Clean Out, for Room

\$3.00 per 100; \$25.00 per 1000.

Bride, Bridesmaid, C. Souper, Etoile de Lyon, Climbing Meteor, Papa Gontier.

GERANIUMS—John Doyle and Heteranthe \$1.00 per 100. Cash with order, please.

JOSEPH LAHR & SONS, Springfield, Ohio.

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FINE STOCKY PLANTS

	Per 100
Alternanthera, yellow, \$1.75 per 100; red.....	\$2.00
Oxalis floribunda, 2-in. pot, fine for vases....	2.00
Geraniums, 2 and 2½-in. pot, my selection...	3.00
Coleus, 2-in. pot, good assortment	2.00
Verbenas, 2 and 2½-in. pots, good var.....	2.00
Vinca Vines, 2 and 2½-in. pots	3.00
Centauria Gymnocarpa, 2-in. pot, April 1....	2.00
Pansy Plants, in bud	1.50
Ageratum, 3 var., 2-in. pot.....	2.00

CASH PLEASE.

JOS. H. CUNNINGHAM, - Delaware, Ohio.

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SAMUEL S. PENNOCK.**Wholesale****Florist**{ Until further notice, will be open from }
6:00 a. m., to 11:00 p. m.**American Beauties and Valley****Our
Specialties.****1612-14-16-18 Ludlow St., Philadelphia, Pa.**

Mention The Review when you write.

MADISON, N. J.

The regular meeting of Morris County Gardeners' and Florists' Club was held in Masonic Hall on Wednesday last, President Duckham in the chair.

One new member was elected, and the secretary announced the receipt of a check for \$15 from F. R. Pierson Co., Tarrytown, N. Y., for special prizes for chrysanthemum Col. Appleton, to be competed for at the show in November next.

Mr. A. Herrington gave a talk on carnations, more especially upon the great developments brought about in the flower in the past few years. Thanks to the kindness of Dailedouze Brothers and C. W. Ward, who kindly sent specimen blooms of No. 666, No. 3 and other novelties, and unnamed seedlings, as well as flowers of standard varieties new and old, some very interesting comparisons were possible, well showing the marked improvements in every particular. He considered that the American Carnation Society had given a great impetus to effort in this direction, for whereas but a few years back you could number the raisers of seedlings on the fingers, today almost everyone growing carnations did likewise.

H.

COLORADO SPRINGS, COLO.

Cards have been issued announcing the coming marriage of Miss Viola Mary Clark, daughter of William Clark, the florist, and Mr. Charles Dent Harner, which is to take place April 4th.

Miss Clark is well known to all in the trade who have visited Colorado Springs, she having been in full charge of her father's florist's business for some years, and she impressed all she came in contact with as being an exceedingly bright as well as attractive young woman.

The trade will lose one of its fairest ornaments and Mr. Wm. Clark will probably now be obliged to devote more attention to his greenhouses and less to mining.

FOSTORIA, O.—E. R. Sackett will build several new houses this spring. He has just returned from Chicago, where he investigated the Garland Iron gutter and afterward placed his order for enough of this gutter to fit his new houses.

LAFAYETTE, IND.—Mr. H. Roth has made plans for the erection of three more greenhouses and a handsome residence.

PITTSBURG CUT FLOWER CO., Ltd.**WHOLESALE FLORISTS.**Long Distance
Phone 2157.**CONSIGNMENTS SOLICITED.****No. 504 Liberty St.,****FLORISTS' SUPPLIES.**

Write for Price List.

PITTSBURG, PA.

Mention The Review when you write.

Asparagus PlumosusCut Strings
8 feet long.
50c per string.**Nanus**Shipped
to any part
of the country.**W. H. ELLIOTT,
BRIGHTON, MASS.**

Mention The Review when you write.

VEGETABLE PLANTS.

LETTUCE, Boston Market, Tennis Ball, Curled Simpson, Grand Rapids and other varieties, 15c per 100; \$1.00 per 1000; \$8.50 per 10,000, if by mail, add 10c per 100.

TOMATO, small plants for transplanting, in several varieties, 15 cts. per 100; \$1.00 per 1000.

PEPPER, small plants for transplanting, in several varieties, 25 cts. per 100; \$2.00 per 1000, if by mail, add 10 cts. per 100.

EGG PLANTS, New York Improved, for transplanting, 25c per 100; \$2.00 per 1000.

CELERY, White Plume and Golden Self-Blanching, 15c per 100; \$1.00 per 1000.

Other Vegetable plants in season. Cash with order.

R. Vincent, Jr. & Son, White Marsh, Maryland.

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**SEMPLES ASTER...**

Choicest home grown seed. 1/4 oz. 25c; oz. \$1.00. In white, shell pink and lavender. Catalogue of all Flower and Vegetable Seeds for Florists and Market Gardeners, sent on application.

**W. C. BECKERT,
Seedsman, Allegheny, Pa.**

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CLEMATIS.

Coccinea and Crispa....\$20.00 to \$45.00 per 1000.

BULBS.

Zephyranthes Sulphurea (big yellow flower) \$8.00 per 1000. Milla, Bessera and others.

Cacti and Cacti Seed. Send for prices.

WILLIAM TELL, AUSTIN, TEXAS.

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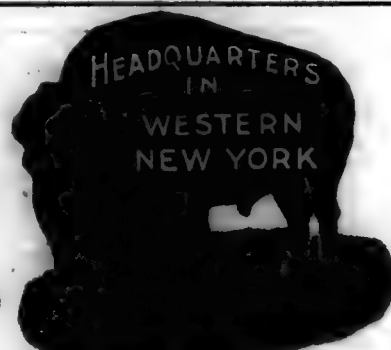
For Spring Planting. The Reliable new **EVER-BEARING PEACH**, also the **ELBERTA** and other choice varieties. **JAPAN PLUMS**, all the most approved sorts. Select assortment small fruits. Prices for above very reasonable. Address

MILFORD NURSERIES, - Milford, Del.

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GIVE US
A
TRIAL.
WE CAN
PLEASE
YOU.

Roses,
Carnations
and all
kinds of
Seasonable
Flowers
in stock.



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481 Washington St., BUFFALO, N. Y.
Also Dealer in Florists' Supplies and Wire
Designs.

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Wholesale Florist,****444 Sixth Ave., PITTSBURG, PA.**

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Consignments Solicited.

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A New Catalogue entitled

Flowers and Floral Designs.

Twelve pages and handsome cover.
Shows forty-one arrangements, with prices.
For agents' use, or promoting out-of-town trade.
Sample 40c in Stamps. Circular Free.

DAN'L B. LONG, Publisher, BUFFALO.

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Cut Flower Exchange,**404 - 412 East 34th St., New York,**

NEAR THE FERRY.

Open Every Morning at 6 o'clock for the sale of
CUT FLOWERS.

Wall space for Advertising purposes to Rent.

J. DONALDSON, SECRETARY.

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SHEEP MANURE.....**DRIED and PULVERIZED.**

Purest and Cleanest Sheep Manure on the
market. Write for prices and samples.

Place Orders Now.

J. V. Merrion, Union Stock Yards, Chicago.

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... HEACOCK'S PALMS ...



**Choice ARECA LUTESCENS,
KENTIA BELMOREANA and
LATANIA BORBONICA.**

All perfect and Symmetrical plants, alike on all sides, with every leaf perfect from the pot up. Grown especially for the decorator. They are as good, if not better, than any I have offered before. Prices are as follows:

ARECA LUTESCENS.

	Each
9-in. pot, very bushy, 5 feet high	\$ 5.00
12-in. pot, very bushy, 6 feet high	\$10.00 to 15.00
14-in. pot, very bushy, 6 to 7 feet high	20.00
15-in. pot, very bushy, 7 to 8 feet high	25.00

KENTIA BELMOREANA.

	Per doz.	Per 100
3-in. pots, 4 to 5 leaves, 10 to 12 in. high.....	\$3.00	\$25.00
4-in. pots, 5 to 6 leaves, 15 to 18 in. high.....	6.00	50.00
6-in. pots, 6 leaves, 20 to 24 in. high.....	18.00	150.00

LATANIA BORBONICA.

	Each
8-in. pot, 8 leaves, 24 in. high by 36 in. wide.....	\$1.50
10-in. pot, 9 to 10 leaves, 30 to 36 in. high by 42 in. wide..	4.00

My packing is done in the best possible manner, and shipping facilities for both freight and express are unsurpassed.

A Trial Order is Solicited.

JOSEPH HEACOCK, - - WYNCOTE, PA.

Mention The Review when you write.

ROOTED CUTTINGS --- COLEUS.

Multicolor, M. James, Beckwith, Gem, Fern, Fitzpatrick, Gold Mine, Midnight, Whitelaw Reid, Miss Bliss, Amoretta, Wellington, Firebrand, Pink Gem, Firecrest, Spotted Gem, Mme Hoyt, Blackbird, Rob Roy, Gloriosa, Brightness, Crimson Bedder, Speciosa, Klondike, The Belle, Progression, Purple Prince, Silver Leaf, Charming, Electric Light, Sport, Avondale, Salvador, Royal Mantle, Attraction, Othello, Hiawatha, Thos. Meehan, Progress, Queen of the West, The Dawn, Chas. Dickens, J. Goode, Charm, Leaves of Autumn, Mars, Varhills, 60c per 100 by mail; \$4.00 per 1000 by express. Verschaffeltii and Yellow, 70c per 100; \$6.00 per 1000. Giant Double Alyssum, 60c per 100; \$5.00 per 1000.

WM. H. SEARCH,
Avondale, Chester County, Pa.

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Send ADVS. NOW

FOR THE

Special Spring Number

OF THE **FLORISTS' REVIEW**

TO BE ISSUED **APRIL 5,** JUST 10 DAYS BEFORE EASTER

Burpee's Seeds Grow

NORWAY MAPLES
1000, 8 to 10 feet.
500, 6 to 7 "
100, 1 to 2 "

IRISH JUNIPERS
500, 3 to 4 feet. 500, 2½ to 3 feet.
500, 2 to 3 feet.

10,000 PEACH TREES,
General assortment.
This stock will be sold at very low prices in order to close out.

C. L. LONGSDORF,
OAK HILL NURSERIES,
Flora Dale, Adams Co., Pa.

Mention The Review when you write.

Send 50c or \$1 for
Samples and Prices of **ROSES**

Brides, Maids, Perles, Kaiserins, Woottons, Golden Gate, La France, or

GERANIUMS in 3-in. Pots. Pink, Red, White and Salmon.

GEO. A. KUHL, Pekin, Ill.

Mention The Review when you write.

Rooted Cuttings. Verbenas, 40 named kinds, all the best, 60c per 100; \$5.00 per 1000.

Petunias, 80 varieties, dbl., all good named varieties, \$1.25 per 100. Heliotrope, 15 named var., \$1 per 100. Coleus, 80 named var., 70c per 100; \$6 per 1000. Ageratum, 8 var., including P. Pauline, 70c per 100. Alyssum, dbl., \$1 per 100. Lantanas, 4 var., \$1.25 per 100. Salvias, 8 var., \$1 per 100. Fuchsias, in var., \$1.50 per 100. All cuttings guaranteed.

Express prepaid. Cash with order. Write **S. D. BRANT, Clay Center, Kan.**

Mention The Review when you write.

SAGINAW, MICH.

An object lesson in utilizing space is given by Chas. Frueh & Son, who turned out four successive crops in one year from one bench. They commenced with a crop of chrysanthemums, followed by poinsettias, then a crop of lettuce, and the space is now occupied by geraniums, of which more than ten thousand are ready for spring sales.

About 3,000 poinsettias are in the sand bed for next season. Old wood being used it is rather slow in callousing, but when it does break it makes a strong plant.

Carnations are fine, including Mary Wood, Bradt, Flora Hill and Daybreak. Glacier will be grown in place of old Lamborn, which has played out. A splendid pink seedling is the most profitable flower they have.

Roses are grown in solid beds with permanent tile drainage. Mr. Eel Worm has introduced himself, but is meeting with a chilly reception and will soon take his departure.

Some well built carnation houses open at the gutters are replacing the old time narrow and single houses. A large light house for smilax and asparagus was completed before cold weather set in. Young stock is in excellent condition.

Grohman Bros. have made a great change in their place by adding a store and office, which sets off the place to decided advantage. M.

LANSING, MICH.

J. A. Bissinger had to hustle to finish building before cold weather set in, but he did it and has a plant most convenient to handle and elegant in appearance. Situated on Capitol and another main avenue, the double fronted store is shown to great advantage and is kept well stocked from the greenhouses at the rear. A handsome dwelling was also finished at the same time. M.

ALBION, MICH.

The Misses Dysinger are much pleased with business, which is steadily increasing. They have decided to enlarge their plant and have secured for the purpose a location upon the best street in the town, where soon a model structure will be built. M.

GRAND RAPIDS, WIS.—Mr. L. H. Read has closed out his interests here and has removed to Fruitdale, Ala., where he will engage in bulb growing. The Riverdale Seed Farm is arranging for building anew this season after losing their warehouse and greenhouse by fire last January.

MR. J. AUSTIN SHAW has been appointed sole American agent for Edw. Van Coppenolle, of Ghent, Belgium, one of the oldest European houses, this year celebrating its "Golden Jubilee," having been established fifty years.

CARNATIONS...

LARGE STOCK OF STRONG
ROOTED CUTTINGS NOW READY

G. H. Crane, Morning Glory, Maceo, Glacier, Gomez, America, Red Mrs. Bradt (or Chicago), Mary Wood and other good standard sorts.

Mrs. Geo. M. Bradt for March delivery — all the early stock sold.

FIVE 1900 NOVELTIES.

Mrs. Thos. Lawson, Ethel Crocker, The Marquis, Olympia and Genevieve Lord. At introductory prices.

We make a Specialty of Rooted Cuttings, and have three houses of stock growing for that purpose only.

SEND FOR DESCRIPTIVE PRICE LIST.

F. DORNER & SONS CO., LaFayette, Ind.

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CARNATION CUTTINGS.

WRITE FOR SPECIAL DISCOUNTS AND LET US
FIGURE ON YOUR WANTS.

	Cuttings			Blooms per 100
	Per doz.	Per 100	Per 1000	
Genevieve Lord, the peer of any light pink Carnation ever offered. From sand or soil.....	\$2.00	\$10.00	\$75.00	\$1.00
Chicago, scarlet Bradt. From sand or soil	1.50	7.50	60.00	4.00
Mrs. Lawson, cerise pink.....	3.00	11.00	120.00	
Olympia, variegated. Extra strong, from soil	2.00	12.00	100.00	
Ethel Crocker, pink. From soil.....	1.50	10.00	75.00	
Marquis	2.00	10.00	75.00	
Katelle.....		10.00	75.00	

	Cuttings			Blooms per 100
	Per 100	Per 1000		
F. Joest, from sand or soil.....	\$2.50	\$20.00	\$1.00	
Mrs. Dean, from sand or soil.....	2.50	20.00	4.00	
John Young, from sand or soil.....	2.50	20.00	4.00	
White Cloud, from sand or soil.....	4.00	30.00	4.0	
Mrs. Bradt, from sand or soil.....	5.00	40.00	\$1 to \$5	
Gen. Maceo, from sand or soil.....	6.00	50.00	4.00	
Gen. Gomez, from sand or soil.....	6.00	50.00	4.00	
G. H. Crane, scarlet	6.00	50.00	\$1 to \$5	

	Cuttings			Blooms per 100
	Per 100	Per 1000		
Gold Nugget, from sand or soil.....	\$2.50	\$20.00	\$1.00	
Argyle, from sand or soil.....	2.50	20.00	4.00	
Jubilee, scarlet	2.00	15.00	\$1 to \$5	
Armazindy, variegated.....	2.00	15.00	2.00	
Evelina, white	2.00	15.00		
Wm. Scott, pink	2.00	15.00	2.00	
Daybreak, light pink	2.00	15.00		
Flora Hill, white.....	2.00	15.00	3.00	

Have Shipped 100,000 Cuttings This Season without a Kick.

CHICAGO CARNATION CO., Greenhouses and Address, JOLIET, ILL.

Mention The Review when you write.

ELM CITY A Grand New
White....

Carnation Seedling of Lizzie McGowan
and Mme. Diaz Albertini,
in its fifth year.

The flowers are large, finely shaped and of strong fragrance. Petals are heavy, of good substance and nicely fringed. Calyx is very strong, after the style of Mme. Albertini, and none bursting; the stem strong, holding the flower erect. The plant is a good grower and free bloomer, not subject to stem rot or any disease. Rooted Cuttings ready February 1st, \$1.50 per doz., \$10 per 100, or \$70 per 1000. Cash with order. We shall prepay the express where money accompanies the order. Orders filled in rotation.

M. E. KRAUS, 320 Davenport Ave., NEW HAVEN, CONN.

Mention The Review when you write.

GENEVIEVE LORD. The Peer of Light Pinks.

(Stock for delivery prior to
March 20, all sold.)

The people know a good thing when they see it. If you haven't seen it ask someone who has concerning its appearance. It has proven itself the most popular selling carnation we have ever grown, and as it combines quantity with quality it is no surprise to know it is the most profitable we have ever grown.

Some of its Features: The finest stem of any carnation. The color is just right, the ladies go wild over it. It is large, grades easily as a fancy. Odor is very sweet. Form beautiful, calyx perfect. It is a perfect **non-bursting** carnation. Every grower will appreciate this. If you don't grow Genevieve Lord next winter your list will not be complete. Remember, stock is all sold until March 20. **PRICE: \$2.00 per doz., \$10.00 per 100, \$75.00 per 1000.**

Catalogue ready now containing full description of the above as well as the other big new ones and standard sorts. A postal card will bring it. Also complete list of new and standard Chrysanthemums.

H. WEBER & SONS, - - Oakland, Md.

Mention The Review when you write.

Ethel Crocker. Absolutely the Best Pink Carnation ever offered the trade.

A fact fully borne out by its record, being equally good with Craig, Hill and myself (an assurance that it is not a success in one soil and a failure in another.) By its having been shown at the flower shows and clubs since early in September (an assurance that it is not a good late carnation but an all season variety.)

In color, size, fragrance and stem it is just what the "storemen" want. In habit, constitution and freedom of bloom it is just what the grower wants. It produces more flowers to the square foot than any other known variety, and is never out of crop from September to July.

With 18,000 stock plants to work from there is no danger of it being overpropagated, and all orders entrusted to me will be filled with cuttings selected from the plants and also in filling the order, by myself, thus doubly assuring good stock. Honest sample blooms furnished prepaid at \$1.00 per dozen, amount deducted from all orders for 100 or over. Up to date every sample excepting one out of several hundred sent has brought an order.

Price per 100, \$10.00; per 25, \$2.50. Per 1000, \$75.00; per 250, \$18.75.

Price list of standard varieties ready now.

ALBERT M. HERR, Lancaster, Pa.

Mention The Review when you write.

Carnation Cuttings... NOW READY.

Jubilee, White Cloud, Daybreak, Flora Hill and other standard varieties. Write for prices. We control the original stock of **MME. CHAPMAN** the Grand Rapids pink sport of D. B.

CRABB & HUNTER, Grand Rapids, Mich.

Mention The Review when you write.

Send Advs. Now FOR THE SPECIAL..... SPRING NUMBER OF THE FLORISTS' REVIEW

TO BE ISSUED April 5, JUST 10 DAYS BEFORE EASTER.

NOW READY. New Pink Chrysanthemum MISS FLORENCE E. DENZER.

Certificated by the C. S. A., Dec. 21, '99.

The latest Mum. Blooms for Christmas. See cut in Florists' Review of Dec. 21, 1899. Rooted cuttings, \$8 per 100; from 2½-in. pots, \$10 per 100.

A. C. ZVOLANEK, Summit Av., West Hoboken, N. J.

Mention The Review when you write.

NEW CARNATIONS.

We are now ready to receive
orders for strong rooted
CUTTINGS.....

GEN. MACEO } \$1 per doz., \$6 per
G. H. CRANE } 100, \$50 per 1000.
GLACIER }
MORNING GLORY. }

GEN. GOMBE } 75c per doz., \$5 per
MRS. G. M. BRADT } 100, \$40 per 1000.

WHITE CLOUD } 50c per doz., \$4 per
GOLD NUGGET } 100, \$30 per 1000.

25 at 100 rate. 250 at 1000 rate.

We have Fine Large Stocks and will deliver only
Fine, Strong, Well-Rooted Cuttings.

THE COTTAGE GARDENS, - QUEENS, N. Y.

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CARNATIONS.

BEST NEW AND STANDARD VARIETIES.
Write for catalogue and prices.

W. P. PEACOCK, ATCO, N. J.

Mention The Review when you write.

NEW CROP WINTER BLOOMING CARNATION SEEDS.....

Hand Fertilized. 25 cents per 100.

CASH WITH ORDER.

AMERICAN ROSE COMPANY,
WASHINGTON, D. C.

Mention The Review when you write.

Money Making CARNATIONS..

	Per 100	Per 1000
Flora Hill, White, Money Maker...	\$2.00	\$15.00
Daybreak, Light Pink, Money Maker	2.00	15.00
Wm. Scott, Clear Pink, Money Maker	1.00	8.00

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12 Novelties of 1900. 27 Best Standard Varieties.

GEO. HANCOCK & SON, Grand Haven, Mich.

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CLASSIFIED PLANT ADVERTISEMENTS.

Rate for advertisements under this head, 10 cents a line net, per insertion. New ads. and changes must reach us by Wednesday morning at latest to secure proper classification in issue of Thursday.

ABUTILON.

New dwarf abutilon "Lilliput." Rich orange veined with bright red. Grows 12 to 15 inches high and always in bloom. 2-in. pots, \$1.25 per doz. Savitzli, 2-in., 50c per doz. Ellipse, 2-in., 40c per doz.
Roney Bros., West Grove, Pa.

Souv. de Bonn, R. C., doz., 20c; 100, \$1.25. Savitzli, doz., 40c; 100, \$2.50.
S. T. Danley, Macomb, Ill.

Abutilon, var., trailing, 2 1/4-in., \$4.00 per 100. Greene & Underhill, Watertown, N. Y.

Abutilon, mixed, 2 1/4-in., \$2.00 per 100. Morris Floral Co., Morris, Ill.

ACACIAS.

A. paradoxa, fine Easter plant, each 30c, 50c, 75c, 1 ft., 1 1/4 ft., 2 ft. Order now. K. J. Kuyk, Ghent, Belgium, care J. Ter Kulie, 33 Broadway, New York.

ACALYPHA.

Acalypha Sanderi, \$1.00 a doz.; \$3 a 100. A. triumphans, 50c a doz.; \$3.50 a 100.
Good & Reese Co., Springfield, O.

ACHYRANTHES.

Achyranthes, rooted cuttings, \$1.00 per 100. Greene & Underhill, Watertown, N. Y.

AGERATUM.

Ageratum Stella Gurney. The best dwarf blue Ageratum yet introduced. Habit perfect, color deep and very free. \$1.25 per doz.; \$8.00 per 100.
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R. C., blue and white, \$1.00 per 100; Princess Pauline, \$1.25 per 100.
Greene & Underhill, Watertown, N. Y.

Ageratum Princess Pauline, the only one to grow. Extra strong, 2 1/4-in., \$2.50 per 100. South Side Floral Co., Springfield, Ill.

Cope's Pet, blue; Lady Isabel, white, 60c per 100; \$5.00 per 1000.
C. Humfeld, Clay Center, Kan.

R. C., Princess Pauline, doz., 20c; 100, \$1.00; 1000, \$9.00. S. T. Danley, Macomb, Ill.

Ageratum, 3 varieties, 3-in., \$2.00 per 100. Jos. H. Cunningham, Delaware, O.

Princess Pauline, R. C., 1/4c; Plants, 1c. W. B. Woodruff, Westfield, N. J.

ALTERNANTHERA.

R. C., red and yellow, 60c per 100; \$5.00 per 1000; summer struck, \$1.00 per 100; \$9.00 per 1000. Greene & Underhill, Watertown, N. Y.

Alternanthera, rooted in August, 50 cts. per 100; \$4.00 per 1000.
Orange Floral Co., West Orange, N. J.

Alternantheras, fine, stocky plants, yellow, \$1.75; red, \$2.00 per 100. Cash.
Jos. H. Cunningham, Delaware, O.

Alternantheras, red and yellow, 50c per 100; \$4.00 per 1000. C. Otto Schwabe, Jenkintown Pa.

Alternanthera, \$4.00 per 1000.
E. I. Rawlings, Quakertown, Pa.

Red and yellow, transplanted, 65c per 100. J. S. Bloom Reigelsville, Pa.

ALYSSUM.

Double white, strong, 2 1/4-in., \$3; cuttings, 60c per 100. A. G. Fehr, Belleville, Ill.

R. C., new double giant, doz., 20c; 100, \$1; 1000, \$9. S. T. Danley, Macomb, Ill.

Giant Double Alyssum, 60c per 100; \$5.00 per 1000. Wm. H. Search, Avondale, Pa.

Double giant, \$1.00 per 100. Greene & Underhill, Watertown, N. Y.

Alyssum, strong 2-in., 2c. South Side Floral Co., Springfield, Ill.

Alyssum, double giant, \$1.00 per 100. C. Otto Schwabe, Jenkintown, Pa.

Little Gem, from seed bed; 100, 25c. Jerome Harley, Media, Del. Co., Pa.

ANTHERICUM.

3-in., \$6.00 per 100. Greene & Underhill, Watertown, N. Y.

ASPARAGUS.

A. plumosus nanus seed, doz., 15 cts; 100, \$1.00; 1000, \$9.00. A. Sprengeri, doz., 10 cts; 100, 75 cts; 1000, \$6.00. H. H. Berger & Co., 47 Barclay St., New York.

To make room we offer Asparagus Sprengeri in 3-in. pots, \$4.00 per 100; 4-in., \$7.00 per 100. Fine plants. Jacob A. Fries, Bethlehem, Pa.

Asparagus Sprengeri from 2 1/4-in. pots, strong, \$4.00 per 100. Harvey B. Snow, Camden, N. Y.

Sprengeri, 50c per doz.; \$3.50 per 100. Plumosus nanus, 50c per doz.; \$4 per 100. Good & Reese Co., Springfield, O.

Asparagus Sprengeri, 3 1/4-in., fine, bushy stock, \$1.00 per doz.; \$7.50 per 100. Cash. Benj. Connell, West Grove, Pa.

Sprengeri, 6-in., 35c; 10-in. baskets, \$1.00. Plumosus nanus, 3-in., \$3 per 100. A. G. Fehr, Belleville, Ill.

Sprengeri, 2 1/4-in., \$3.50 per 100; \$30.00 per 1000. John A. Doyle Co., Springfield, Ohio.

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We offer a very fine lot of Azaleas, comprising the most distinct and best varieties in cultivation, embracing all shades of crimson, white, pink, and rose color. They are shapely specimens, well "headed," double and single flowered, and will make splendid plants for Easter decoration. It is almost impossible to ship Azaleas when in bloom and have them arrive in good condition, hence the necessity of procuring them in advance before the buds open. Following are prices for established plants:

10 to 12 inch heads, doz., \$5; 100, \$40.
12 to 14 inch heads, doz., \$6; 100, \$50.
14 to 16 inch heads, doz., \$9; 100, \$70.
Six sold at dozen rates; 25 at 100 rate.
Peter Henderson & Co., 35 and 37 Cortlandt St., New York.

Nice plants to grow on, 4-in. pots, in var., \$13 per 100; \$2.25 per doz; 3-in., \$3.00 per 100. Cash with order.
Henry Ernst & Son, Washington, Mo.

BASKET PLANTS.

German Ivy and Ageratum, 75 cts. per 100. Lobelia, dwarf and trailing, \$1.00 per 100. Solanum Jas. Alba, fragrant white flowers all summer, fine for vases, \$1.50 per 100. Cash. Orange Floral Co., West Orange, N. J.

The Florists' Manual, by William Scott, is a complete reference book for commercial florists.

BEGONIAS.

Begonia Duke Zeppelin. A sun-proof double scarlet variety; one of the best bedding varieties, 20 cents each; \$2.00 per doz.; \$15.00 per 100. Begonia New Frilled. These are perfection in tuberous rooted Begonias. Flowers from four to five inches across, with wavy petals which are frilled on the edges like a fine petunia, 25 cts each; \$2.50 per doz.; \$20.00 per 100.

Single, rose scarlet, white, yellow, orange, 40c per doz.; \$2.50 per 100; \$20.00 per 1000. Singles in choicest mixture, 35c per doz.; \$3.00 per 100; \$18.00 per 1000. Double, rose, scarlet, white, yellow, 65c per doz.; \$5.00 per 100; \$40.00 per 1000; double in choicest mixture, 50c per doz.; \$4.00 per 100; \$35.00 per 1000.
Henry Dreer, 714 Chestnut St., Phila., Pa.

Rex Begonias. We are headquarters for Rex Begonias. Fine young stock now ready. Many distinct varieties, \$4 per 100. Write for special price on 500 and 1,000 lots. Address all orders for Rex Begonias to us. G. R. Gause & Co., Earlham View Greenhouses, Richmond, Ind.

Begonia Caledonia, the white Lorraine. We are now booking orders for fall delivery. Plants from 3 1/4-in. pots, \$5.00 each. R. & J. Farquhar & Co., 16 and 19 So. Market St., Boston, Mass.

Begonia tuberous, single colors, separate. Per 100, English strain, \$3.50; Belgian, \$2.50. Double colors, separate, English strain, \$5.00; Belgian, \$4.00.

Bobbink & Atkins, Rutherford, N. J.

Begonias, rooted cuttings, Erfordii, Rex, Inc. gigantia, \$2.00 per 100. Rex, assort., 2 1/4-in., \$4.00; named, 2 1/4-in., \$6.00; 4-in., \$10.00 per 100. Greene & Underhill, Watertown, N. Y.

In variety, 2-in. pots, \$2.00 per 100; 3-in. pots, \$3 per 100. Bedding Begonias, Vernon, 2-in. pots, \$2 per 100; 3-in. pots, \$3 per 100. J. S. Bloom, Reigelsville, Pa.

Begonias, Vernon, Bijou, Rosea and Alba, 2 1/4-in., \$2.00 per 100; 4-in. pots, \$5.00 per 100. C. G. Nanz, Owensboro, Ky.

Crimson King, 2 1/4-in., \$3; 4-in., \$5 per 100. Erfordii, rooted cuttings, 100, \$1. A. J. Newton, Norfolk, Va.

Graf Zeppelin, best double scarlet for sunny borders. H. Henkel, Darmstadt, Germany.

15 varieties, flowering, named, 2 1/4-in., \$1.50 per 100. Morris Floral Co., Morris, Ill.

B. Rex, fine assortment, 50c a doz.; \$4 a 100. Good & Reese Co., Springfield, O.

Richardia bulbs, from 1 1/4 to 2 in., 4c. M. L. Bonham, Clinton, Mo.

BOUGAINVILLEA.

B. Sanderiana, doz., 60c; 100, \$4. Good & Reese Co., Springfield, O.

Sanderiana, strong, from last year. H. Henkel, Darmstadt, Germany.

BULBS.

Just received. Fine stock of the following bulbs:

	Per Dozen	Per 100
Caladium Esculentum, 5 to 7-in. cir.	\$1.50	\$3.00
Caladium Esculentum, 7 to 9-in. cir.	.75	4.50
Caladium Esculentum, 9 to 12-in. cir.	1.15	8.00
Caladium Esculentum, 12-in. and up.	2.00	15.00

100, 1000.
Tuberoses, Excelsior Pearl, 1st class, \$1.00 \$7.50
Tuberoses, Excelsior Pearl, medium, .75 \$5.00

Send us your orders now. We also have complete stocks of Gladiolus, Cannas, Lilies, and all spring bulbs.

McKellar & Winterson, 45-47-49 Wabash Ave., Chicago.

Order now for next August delivery. White Roman hyacinths, 30 francs per 1000, 11-12 c. m., and 50 francs, 12-15 c. m. Narcissus paper white grandiflora, 18 francs per 1000. All best quality. F. O. B. Marseilles. Cases 3 francs each. 90 days from invoice accept. Prices for other bulbs on application. A. Clin, wholesale bulb grower, Hyeres (Var), France.

After filling our contract orders we have 50,000 No. 1 4 to 6-in. Excelsior Pearl bulbs to offer at \$5.00 per 1000. No. 2's, 3 to 4-in., \$2.50 per 1000. Caladium Esculentum bulbs, 4 to 5-in. circumference, \$6.00; 5 to 7-in., \$10.00; 7 to 9-in., \$22.00; 9 to 11-in., \$35.00 per 1000.
Jno. F. Croom & Bro., Magnolia, N. C.

We have still on hand some of our Lily of the Valley pipe, the finest that comes to this country at \$10.00 per 1000; case of 2000 at \$9.00 per 1000. J. M. Thorburn & Co., 36 Cortlandt St., New York.

R. Van Der Schoot & Son, Wholesale Bulb Growers, Hillegom, Holland. Our bulb stocks, now covering an area of over 150 acres, are at present the largest in Holland. Est. 1830.

Warnaar & Co., late van Heemstra & Co., and Jac. Wezelenburg. Headquarters for Hyacinths, Narcissus, Tulips. Sassenheim, Holland. Ask for U. S. references as to quality.

California grown bulbs. Send for our special trade list.

California Nursery Co., Niles, California.

We are headquarters for Tuberose Bulbs. Write for prices.

T. W. Wood & Sons, Richmond, Va.

Zephyranthes sulphurea, big yellow flower, \$5.00 per 1000. Milla, Bessera and others.

W. Tell, Austin, Tex.

Bulbs and Plants for Fall and Spring delivery. C. H. Joosten, Importer, 35 Dey St., N. Y.

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CACTI.

Choice, \$1.00 and \$2.00 per doz. Good mixed collection, 50 plants, \$5.00. Echeveria Californica, fine bedder, \$3.00 per 100; off-sets, \$1.00 per 100. Mrs. M. E. Patterson, Glendale, Cal.

Cacti and cacti seed, send for price.
W. Tell, Austin, Tex.

CALADIUMS.

Caladium Albanense. Differs from all other fancy Caladiums. Leaves thick and heavy, spear shaped, and handsomely marked with red, green and creamy yellow, radiating from the center of leaf. 35 cts each; \$4.00 per doz.
H. A. Dreer, 714 Chestnut St., Phila., Pa.

Caladiums, fancy named sorts, extra large, bulbs 1 1/4 to 2 1/4 inches, \$2.50 per 10; \$20.00 per 100. Bulbs 1 to 1 1/4 inches, \$1.50 per 10; \$12.00 per 100. P. J. Berkmans Co., Augusta, Ga.

Caladium esculentum bulbs. Per 100, 5 to 8 in., in circ., \$5.00; 8 to 10 in., in circ., \$6.00; 10 to 12 in., in circ., \$10.00.
J. Palmer Gordon, Ashland, Va.

Caladium esculentum, 6 to 8 in., \$1.00; 8 to 10 in., \$2.00; 10 to 12 in., \$3.00 per 100. Or will exchange for young roses.
J. D. Hooper, Richmond, Va.

Caladium esculentum bulbs, 1 1/4 to 2 inches, \$1.00; 2 to 3 inches, \$2.00; 3 to 4 inches and over, \$3.75 per 100. B. H. Ritter, Port Royal, S. C.

C. esculentum, fine bulbs, doz., 75c; 100, \$6.
Good & Reese Co., Springfield, O.

CANNAS.

Cannas, strong, dormant and the best. Florence Vaughan, Alphonse Bouvier, Queen Charlotte, Chas. Henderson, each, \$3.00 per 100. Alsace, white, 5c. Cash please.
Benj. Connell, West Grove, Pa.

The 3 best solid red: Black Prince, \$10.00 per 100; Philadelphia, Duke of Marlborough, \$4.00 per 100.
The Conard & Jones Co., West Grove, Pa.

Started from sand bed; Florence Vaughan, Queen Charlotte, Alp. Bouvier, Austria, separate, \$3.50 per 100; \$30.00 per 1000.
Paul Mader, E. Stroudsburg, Pa.

Cannas started from sand bed. Austria, Italia, Robt. Christie, Geoffrey St. Hillare, and Chas. Henderson, \$3.00 per 100.
J. Palmer Gordon, Ashland, Va.

Strong Tubers, Dormant, Alphonse Bouvier and Florence Vaughan, \$1.50 per 100. Order now.
Geo. E. Feich, Ayer, Mass.

Cannas, only the best varieties, mixed, 4-in., \$3.00 per 100; \$25.00 per 1000.
C. Otto Schwabe, Jenkintown, Pa.

Cannas, 20 of the best vars., extra strong, dry roots, \$2.00 per 100; \$15.00 per 1000.
C. G. Nanz, Owensboro, Ky.

A select list of new cannas. Write N. Smith & Son, Adrian, Mich.

C. Henderson and Austria, 1c.
W. B. Woodruff, Westfield, N. J.

CARNATIONS.

CARNATION CUTTINGS. - Per 100. Per 1000.		
Mrs. Lawson	\$14.00	\$120.00
G. H. Crane	5.00	
America	3.00	25.00
Melba	3.00	25.00
Leslie Paul	3.00	25.00
Gov. Griggs	3.00	25.00
Mrs. Bradt	2.50	20.00
Frances Joost	2.50	20.00
Evanston	2.50	20.00
Jubilee	2.00	15.00
Gold Nugget	2.00	15.00
White Cloud	2.00	15.00
Flora Hill	1.50	12.50
Triumph	1.50	12.50
Victor	1.50	12.50
Daybreak	1.25	10.00
Argyle	1.25	10.00
Armazindy	1.25	10.00
McGowan	1.00	7.50
Pingree	1.00	7.50
Nivea	1.00	7.50
Evelina	1.00	7.50
Wm. Scott	1.00	7.50
Morello	1.00	7.50

All Plants and Cuttings sold with the express understanding that if not satisfactory they are to be returned at once, when money will be refunded. Write for prices on larger lots.

PETER REINBERG,
51 WABASH AVE., CHICAGO.

New carnations. Gen. Maceo, G. H. Crane, Glacier, Morning Glory, \$1.00 per doz.; \$6.00 per 100; \$50.00 per 1000. Gomez, Bradt, 75c per doz.; \$5.00 per 100; \$40.00 per 1000. White Cloud, Gold Nugget, 50c per doz.; \$4.00 per 100; \$30.00 per 1000. Mrs. James Dean, \$3.00 per 100; \$25.00 per 1000. Mrs. Thos. W. Lawson, \$3.00 per doz.; \$14.00 per 100; \$120.00 per 1000. Olympia, \$2.00 per doz.; \$12.00 per 100; \$100.00 per 1000. Marquis, Genevieve Lord, Ethel Crocker, \$2.00 per doz.; \$10.00 per 100; \$75.00 per 1000. 25 at 100 rate, 250 at 1000 rate. We have fine large stocks and will deliver only strong, well rooted cuttings. The Cottage Gardens, Queens, N. Y.

Elm City, a grand new white carnation, seedling of Lizzie McGowan and Albertini, in its fifth year. The flowers are large, finely shaped and very fragrant. Petals are heavy, of good substance, nicely fringed. Calyx, strong, after the style of Albertini, none bursting. Stem strong, holding the flower erect. The plant is a good grower and free bloomer. Rooted cuttings ready Feb. 1 at \$1.50 per doz.; \$10.00 per 100; \$70.00 per 1000. We prepay the express when money accompanies the order. M. E. Kraus, 230 Davenport Ave., New Haven, Conn.

Carnation cuttings. G. H. Crane, \$5.00 per 100; White Cloud, Mrs. Joost, Triumph and Evanston, \$2.50 per 100; \$20.00 per 1000. Gold Nugget and Jubilee, \$2.00 per 100; \$15.00 per 1000. Flora Hill, Daybreak, Argyle and Armazindy, \$1.25 per 100; \$10.00 per 1000. Mayor Pingree, Wm. Scott and Tidal Wave, \$1.00 per 100; \$7.50 per 1000. McGowan, 75c per 100; \$5.00 per 1000.

All rooted cuttings sold under the condition that if not satisfactory they are to be returned at once and money will be refunded.
George Reinberg, 51 Wabash Ave., Chicago.

The new light pink carnation, Genevieve Lord, is the coming light pink and we recommend it to you as being first-class in every way. It has won highest honors wherever shown. Better than Scott in its palest days. There will be no attempt to over propagate it. First come, first served. \$75.00 per 1000; \$10.00 per 100; \$2.00 per doz. Send for complete description. Also Mrs. Thos. W. Lawson, Crocker, Olympia, Marquis, J. Whitcomb Riley, Chicago and Estelle at introducers' prices.
H. Weber & Sons, Oakland, Md.

Large stock of strong rooted cuttings now ready. G. H. Crane, Morning Glory, Maceo, Glacier, Gomez, America, Red Mrs. Bradt (or Chicago), Mary Wood and other good standard sorts. Mrs. Geo. M. Bradt for March delivery, all the early stock sold.

Five 1900 novelties, Mrs. Thos. W. Lawson, Ethel, Crocker, Olympia and Genevieve Lord at introductory prices. Send for descriptive price list.

F. Dorner & Sons Co., Lafayette, Ind.

We are now filling orders in order of receipt for rooted cuttings of the famous Mrs. Thomas W. Lawson, the \$30,000 Queen of Carnations. Prices to the trade only: Per dozen, \$3.00; per 100, \$14.00; per 1000, \$120.00; per 5000, \$500.00; per 10,000, \$800.00. Terms strictly cash or C. O. D. from unknown parties. Address all orders and make all remittances payable to Thos. F. Galvin, 124 Tremont St., Boston, Mass.

Mary A. Baker and Anna C. Eastburn, two best white carnations I have ever grown. Sandusky, Duke of York and Melba, \$5 per 100; \$40 per 1000. Empress and Wellesley, \$2.50 per 100; \$20 per 1000. Flora Hill and Mayor Pingree, \$2 per 100; \$15 per 1000. Scott, McGowan, Cartledge, Portia, Eldorado and Tidal Wave, \$1.50 per 100; \$12 per 1000. Send for descriptive price list.

Louis B. Eastburn, Kennett Square, Pa.

Big cut to make room; good, clean rooted cuttings, Peach Blow, Scott, Bridesmaid, Rose Queen, 75c per 100; \$6.00 per 1000. Flora Hill, Jubilee, Triumph, Kohinoor, \$1.50 per 100. Albertini, Armazindy, Emily Pierson, \$1.25 per 100; any of above from 2-in. pots, 50c more. Cash with order.

Logan Ave. Greenhouses, Danville, Ill.

Now ready, rooted cuttings. Maceo, Glacier, \$6.00 per 100; Evanston, \$2.50 per 100; Jubilee, Armazindy, Victor, A. Webb, \$2.00 per 100; P. Hill, Daybreak, Dana, Meteor, Morello, Cartledge, \$1.50 per 100; McGowan, Bridesmaid, Eldorado, Pingree, Portia, Jahn's Scarlett, Scott, \$1.00 per 100.

D. R. Herron, Olean, N. Y.

Strong, well-rooted plants from flats and soil. Wm. Scott, Eldorado, \$2 per 100; \$15 per 1000. Rose Queen, Thos. Cartledge, \$2.50 per 100; \$20 per 1000. McGowan, Mrs. Fisher, Portia, \$1.50 per 100; \$12 per 1000. Superior quality only. Cash with order.

W. T. & F. P. Butz, New Castle, Pa.

Ethel Crocker. Absolutely the best carnation ever offered the trade. \$10.00 per 100; \$75.00 per 1000. 250 for \$13.75; 25 for \$2.60. Honest sample blooms furnished prepaid at \$1.00 per doz.; amount deducted from all orders for 100 or over. A. M. Herr, Lancaster, Pa.

Scott, clean, healthy rooted cuttings. Extra heavy, from soil, 100, \$3.25; 1000, \$30. Well established, from soil, 100, \$1.75; 1000, \$15. Strong, from sand, 100, \$1.25; 1000, \$10. Cash with order please.

John Curwen, Jr., Glen Head, L. I., N. Y.

Rooted cuttings of carnations. Both new and old varieties at lowest prices for good stock. Special rates on orders booked for future delivery. Satisfaction or money refunded. Geo. A. Rackham, 880 Van Dyke Ave., Detroit, Mich.

Scott and McGowan, \$1 per 100; \$6.00 per 1000. Daybreak, \$1.25 per 100; \$10.00 per 1000. Flora Hill, \$1.50 per 100; \$12.00 per 1000. Bon Ton, \$2.00 per 100; Gomez, 60 cts. per doz.; \$4.00 per 100. Joost, \$2.50 per 100. Cash.
Orange Floral Co., West Orange, N. J.

Carnation cuttings now ready. Jubilee, White Cloud, Daybreak, Flora Hill and other standard varieties. We control the original stock of Mme. Chapman, the pink sport of Daybreak. Crabb & Hunter, Grand Rapids, Mich.

A fine lot of rooted cuttings of the following: Mayer Pingree, Bon Ton, Wellesley, Armazindy, Jubilee and Genesee, \$2.00 per 100. Buttercup (fine), \$3.00 per 100.
Jos. Renard, Unionville, Chester Co., Pa.

Chicago Carnation Co. The great and only carnation specialists. Cuttings now ready. For list see display adv. in this issue. Chicago Carnation Co. Greenhouses and address, Joliet, Ill.

Cuttings, strictly clean. Daybreak, \$2.00 per 100; Scott, \$1.50 per 100; Sandusky, \$2.00 per 100; Maud Adams, \$2.00 per 100; St. Clair, red, money maker, \$2.50 per 100.
A. G. Fehr, Belleville, Ill.

Rooted cuttings from fine stock. White Cloud, \$2.50 per 100; \$20.00 per 1000. Triumph, \$2.00 per 100; \$15.00 per 1000.
Geo. F. Christie, Clifton Heights, Del. Co., Pa.

Southern florists should plant southern carnations, 20,000 rooted cuttings, 15,000 2-in. pot plants. For sorts and prices write to Southern Nursery, Box 228, San Antonio, Tex.

10000 strong rooted cuttings. Per 100, Frances Joost, Gold Nugget, Evelina and Flora Hill, \$2.00. Mrs. Geo. Bradt, \$4.50. Daybreak, \$1.50.
Jos. Labo, Joliet, Ill.

50,000 standard carnations, rooted cuttings. \$7.50 per 1000. Descriptive list of 25 choice, up-to-date varieties. Cash.
South Side Floral Co., Springfield, Ill.

Flora Hill, Morello, Mayor Pingree and Daybreak, \$1.50 per 100; \$14.00 per 1000. Wm. Scott and McGowan, \$1.00 per 100; \$8.00 per 1000.
C. Humfeld, Clay Center, Kan.

Rooted and unrooted cuttings at closing out prices. For varieties and prices see display adv.
Morris Floral Co., Morris, Ill.

Rooted cuttings of all the new and standard varieties of carnations. Send for price list.
Wm. Swayne, Box 226, Kennett Square, Pa.

R. C., White Cloud, \$3.00 per 100; Triumph, Albertini, Flora Hill, \$2.00 per 100.
Greene & Underhill, Watertown, N. Y.

New crop winter blooming carnation seeds. Hand fertilized. 25c per 100. Cash.
American Rose Co., Washington, D. C.

Best new standard varieties. Write for prices. Satisfaction or money refunded.
Carl Hagenburger, W. Mentor, Ohio.

The cheapest and best. Lizzie McGowan rooted cuttings, \$5.00 per 1000. Cash please.
B. F. Muschert, Penn Valley, Pa.

Dillon's wholesale price list of carnations is now ready. Send for it.
J. L. Dillon, Bloomsburg, Pa.

Rooted cuttings per 100: Victor, \$1.50; Daybreak, \$1.25; Portia, \$1.00.
Geo. Smith, Manchester, Vt.

Best new and standard varieties. Write for catalogue and prices.
W. P. Peacock, Atco, N. J.

Strong Daybreaks from soil, \$15.00 per 1000.
S. W. Pike, St. Charles, Ill.

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CHRYSANTHEMUMS.

The new pink chrysanthemum, Miss Florence E. Denzer, the largest mum. Blooms for Christmas. Certificated by C. S. A., Dec. 21, '99. See cut in Florists' Review of Dec. 21, '99. Now ready, rooted cuttings \$8.00 per 100; 2 1/2-in. pots, \$19.00 per 100. Anton C. Zvolanek, Summit Av., West Hoboken, N. J.

Rooted cuttings. Golden Wedding, Lincoln, Ivory, Maud Dean, Niveus, Queen, Major Bonnafton, Glory of Pacific, good, clean stock, true to name; well rooted from propagating bench. 75 cents per 100. Cash with order. Miller & Clark, Jamesville, N. Y.

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Helen Bloodgood, G. Bramhall, 2-in., \$2.00 per 100. Glory of Pacific, 2-in., \$1.50 per 100.
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Best sorts, doz., 40c; 100, \$2.50.
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5-in. pots, a grand lot, doz., \$2.00; 100, \$15.00.
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R. C., named, \$2.00; mixed, \$1.50; Mrs. Parker, \$4.00; Silver Leaf and Rose Scented, \$1.50; Mme. Sallerol, \$1.25; dbl. New Life, \$4.00; Mrs. Pollock, Happy Thought, \$2.00; Bronze, \$1.50; Mara, Freak of Nature, \$3.00; Mme. Bruant, \$2.50 per 100. Happy Thought, Silver Leaf, Mrs. Pollock, 2 1/4-in., \$4.00 per 100.
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New Geranium Dewey. A grand novelty. Color bright crimson; dwarf, compact grower, profuse bloomer. Good foliage; very attractive. 4-inch pots, each, 35c; doz., \$3.50. 3-inch, each, 25c; doz., \$2.50. 2 1/4-inch, each, 15c; doz., \$1.50. Carl Rauth, Springfield, Ill.

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M. Niel, 3-in., 12 to 15 inches, 10c; 15 inches, 15c.

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Hardy roses in great variety.

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Manetti stocks for fall delivery.

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New Salvia Yellow Bird, bright yellow foliage, bright scarlet flowers, R. C., doz., 20c; 100, \$1; 1000 \$9. Salvia Habald. This is more dwarf and much better than old Splendens. Doz., 20c; 100, \$1.00; 1000, \$9.00.

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Salvia splendens, 2½-in., \$2.50 per 100; rooted cuttings, \$1.00 per 100.

South Side Floral Co., Springfield, Ill.

Bonfire, R. C., 100, 80c; 1000, \$7.00. 3-inch pots, 100, \$1.50; 1000, \$12.00.

Jerome Harley, Media, Del. Co., Pa.

Splendens and Bonfire, \$1.00 per 100; \$8.00 per 1000. Orange Floral Co., West Orange, N. J.

Salvia, rooted cuttings, \$1.25 per 100.

Greene & Underhill, Watertown, N. Y.

Salvias, doz., 40c; 100, \$3.00.

Good & Reese Co., Springfield, O.

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Morris Floral Co., Morris, Ill.

Salvia Splendens, 2-in., \$2.00 per 100. Cash.

Geo. L. Miller, Newark, Ohio.

Splendens, rooted cuttings, \$1 per 100.

A. J. Newton, Norfolk, Va.

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Chinese Primrose seed. Finest large fringed, single and double, 500 seeds, \$1.00. Primula Obconica. Improved bright rose color; very finest of all Obconicas; 1000 seeds, 50c. Pansy, finest giants; choicest mixed, 3500 seeds, \$1.00; ½ pkt., 50c. Cineraria. Large flowering dwarf; very choicest mixed, 1000 seeds 50c.

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From flats, 50c per 100; 2-in. pots, \$1.50 per 100. Cash with order.

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Greene & Underhill, Watertown, N. Y.

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S. Whitton, 15-17 Gray Ave., Utica, N. Y.

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S. D. Brant, Clay Center, Kan.

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Verbenas, 60 cts. per 100; \$5.00 per 1000. Cash. Orange Floral Co., West Orange, N. J.

R. C., ¼c. fine stock.

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Vinca vines, per 100, 4-inch pots, \$6.00; 3-inch, \$4.00; 2-inch, \$2.50; rooted cuttings from flats, \$1.50. Cash with order or C. O. D. W. A. Clark & Son, 59 State St., Watertown, N. Y.

Major and Var., rooted cuttings, \$1.00 per 100. Cash with order.

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Rooted cuttings, var., extra strong, \$1.50 per 100; 2½-in., \$3.00 per 100.

Greene & Underhill, Watertown, N. Y.

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Rooted cuttings, \$1.25 per 100; \$10.00 per 1000; 4-in. pots, \$3.00 per 100; \$70.00 per 1000.

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I want to exchange 50 extra strong vinca, fol. var. out of 5-in. pots for Ivy geraniums.

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Vinca Variegata, \$1.00 per 100. Cash.

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Jos. H. Cunningham, Delaware, O.

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Marie Louise and Princess of Wales, Selected Rooted Runners from our choice stock. Corbett & Wilson always take first prize at all Cincinnati monthly exhibits, and refer you to any Cincinnati florist for quality and quantity of our pick. For price, etc., write Corbett & Wilson, Station K, Cincinnati.

Violets (rooted runners). The lowest price yet for the best violet grown flowers from September to March. Luxonne, \$1 per 100. California, 40 cts. per 100.

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Princess of Wales, the only violet to grow, strong plants from flats, 100, \$2; 1000, \$18. Cash.

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Marie Louise. 10000 strong rooted cuttings from sand, clean and in fine condition, \$10.00 per 1000; rooted runners, \$8.00 per 1000. Cash please.

C. Lawritzen, Rhinebeck, N. Y.

Rooted cuttings, new Imperial violet. From 2-inch pots, \$3.00 per 100; \$25.00 per 1000. Satisfaction guaranteed.

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Plants, 3 to 5 spikes, \$2.50 per 100; \$20.00 per 1000. Ready March 1st to 10th.

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S. D. Brant, Clay Center, Kan.

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Greene & Underhill, Watertown, N. Y.

Iresines, red and yellow; mesembryanthemum basket plant; California moss; Lobelia, Crystal Palace gem; Cigar plant, all in 2½-in., at \$1.50 per 100. Morris Floral Co., Morris, Ill.

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Oxalis floribunda, 2-in., fine for vases, \$2.00 per 100. Centaurea gymnocarpa, 2-in., April 1, \$2.00 per 100. Jos. H. Cunningham, Delaware, O.

Stocks, white or mixed, double, 2-in., \$1.50 per 100. Lobelia, rooted cuttings, \$1.00 per 100. S. Whitton, 15-17 Gray Ave., Utica, N. Y.

Before ordering any goods anywhere send in your list for lowest guaranteed prices. F. W. O. Schmits, Jersey City, N. J.

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Sansevieria zeylanica, 10c. H. Steinmets, Raleigh, N. C.

Cobaea Scandens, 2 1/2-in., \$2.00 per 100. Cash. Geo. L. Miller, Newark, Ohio.

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Cane stakes. I can furnish them. Write for prices. C. S. Tait, Brunswick, Ga.

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Hardy cut ferns and laurel leaves at 50c per 100. The Roleta Nursery Co., Horace Perry, proprietor, Roleta, Tenn.

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If you read these advs. others would read yours.

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Red Towers Brand Bone Meal for florists. 100 lb. bag, \$1.75; 200 lb. bag, \$3.25; 1/2 ton, \$7.50; 1 ton, \$14.50; 1 ton, \$28.00. F. O. B. Bridgeport, Conn. Also Odorless Lawn Dressing. Terms, cash with order. Red Towers Greenhouses, Hackensack, N. J.

Bone meal made for my own use and for other florists who want a good article. Try a bag and be convinced. \$3.50 per 200-lb. bag; \$35.00 per ton. Albert M. Herr, Lancaster, Pa.

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Pure sheep manure, the best that can be bought on the market. Also a large quantity of hardwood ashes, by the bbl., ton or car load. J. L. Elliott, Bethlehem, Pa.

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The Cefrey Letter Co., 446 Tremont St., Boston, Mass., Chas. L. Razoux, Mgr., Manufacturers of Florists' Letters. The best and most artistic letter on the market. Pat. Jan. 3rd, 1893. Price: 1 1/4 or 2-inch letters, \$1.50 per 100; script letters, \$3.50 per 100. Agents: The Flower Market, Boston; Emil Steffens, New York; McKellar & Winterson, Chicago; H. Bayersdorfer & Co., Philadelphia.

Send in your order now for a copy of the Florists' Manual.

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The Van Reyper Perfect Glasiers' Points. No rights or lefts. Price per box of 1000, 60 cts.; by mail, 75 cts.; in lots of 5000 by express, 55 cts. per 1000. Henry A. Dreer, 714 Chestnut St., Philadelphia, Pa.

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OUR 1800 STANDARD FLOWER POT. Better than ever. Send for Price List. Syracuse Pottery Co., Syracuse, N. Y.

Flower pots and vases, by barrel or carlots. Sizes from 2 to 30 inches. John Feustel, Fairport, Iowa.

For the best Plant Tube, address Mann Bros., 6 Wabash Ave., Chicago.

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We are headquarters for Sphagnum. Just received several carloads.

Per bale, \$1.00.

Six bales, \$5.00.

Ten bales, \$7.50.

Write for prices on large quantities.

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We gather our moss and it is the best to be had. Bales, 4 1/4 feet long, 18 inches wide and 20 inches deep, weighing when well dried 40 lbs, 80 cents per bale; 10 bales, \$7.00. Green moss, \$1.00 per bbl.

Z. K. Jewett & Co., Sparta, Wis.

Sphagnum moss, 75c per bbl.

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C. A. Kuehn, 1123 Pine St., St. Louis, Mo., manufacturer of the Patent Wire Clamp Floral Designs. A full line of supplies always on hand. Write for catalogue.

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Reed & Keller, 123 W. 25th St., New York, Manufacturers of Wire Designs.

The Florists' Manual, by William Scott, is a complete reference book for commercial florists.

New Dwarf Abutilon "LILLIPUT"

A seedling of Golden Bell x Pigmy. Rich orange veined with bright red. Grows 12 to 15 inches high and always in bloom. Has no equal for beds or pots. Sells on sight, \$1.25 per doz.

Abutilon Savitzii, 50c per doz.; Eclipse, 40c per doz., \$3 per 100. Weeping Lantana, \$3 per 100. Blue Spirea, \$2.50 per 100. All above from 2-in. pot.

Cash with order. RONEY BROS., West Grove, Pa.

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FLORISTS' REVIEW

To be Issued **April 5,** JUST 10 DAYS BEFORE EASTER.



CANANDAIGUA, N. Y.

A. C. Cappon, our leading florist, has done an extensive business in cut flowers this winter. He is a good grower and finds ready sales for his stuff.

J. Balson, who went into the florist's business on Mechanic street last summer, has erected several new greenhouses. He is doing a good business in cut flowers and lettuce. He has raised four full crops of lettuce from the same bench and from the same soil since Nov. 1st, 1899.

The firm of D. Rhine & Son, in the suburbs, have some of the finest roses and carnations and the finest bench of lettuce I ever saw. Most of their trade is wholesale. They have from nine to ten thousand hybrid roses ready for sale this spring.

J. Jones, private gardener at Brigham Hall institution, has a fine bench of carnations, the largest flowers I ever saw, Triumph, Duhme, America and other varieties.

Bobbie McKurr, gardener to Mrs. J. Mecknie, has an elegant bench of Bridesmaid roses, also fine carnations, Frances Joost, America and Mrs. Bratt.

Scotchman, gardener to F. A. Mecknie, "What is name or whaur is hame I dinna care to tell," anyway he has a fine bench of violets; they have been full of bud and blossoms since October last and not a spot of disease can be seen from one end of the bench to the other. He also has a fine bench of carnations, Scott, Albertini, Duhme, Crane, America, Mary Wood, Flora Hill, Painted Lady, etc. Also a nice strain of Chinese primroses in bloom.

A. O.

CHESTNUT HILL, PHILA.

The regular monthly meeting of the Chestnut Hill Horticultural Society was held at Joslin Hall on the 13th, with double the attendance of our previous meeting. The exhibits far exceeded the expectation of the committee, and it was necessary to purchase additional vases at the last minute.

The schedule committee reported the schedule for the fall show and printed copies are ready for distribution. The premiums offered are as follows:

For chrysanthemum plants.....	\$ 89.00
For chrysanthemum blooms.....	57.00
For rose blooms.....	17.00
For carnation blooms.....	18.00
For violet blooms.....	3.00
For miscellaneous plants and bloom.....	42.00
For amateur class.....	9.50
For vegetables, society's premiums ..	23.00
For vegetables, etc., seedsmen's premiums ..	128.00
Making the total, less duplicates,	\$377.50.

An interesting paper on mushroom growing was presented by Mr. Paul Reinhardt, and will be discussed next meeting through the "Question Box." Seven names were proposed for membership and the following premiums

awarded: Vase of roses, 6 American Beauty, to Charles F. Kreuger; 12, any variety, to Wm. G. Samtman, for vase of Bridesmaid; specimen 3 cinerarias, to John McGowan, gardener to Wm. Bayard; bunch 50 violets, to John McClearey, gardener to Wm. Weightman; plate 12 mushrooms, to Wm. Boyce, gardener to Randal Morgan; specimen flowering plant, to Geo. W. Brown, gardener to R. N. Carson, for Bougainvillea glabra Sanderiana; specimen squash, to Harry Harris, gardener to Mrs. Fell.

Highly commended.—Specimen orchid exhibited by John McClearey, and a collection of Antirrhinum and specimen Phalus grandiflorus exhibited by Frank Gould, Gardener to John T. Morris.

Special mention was made of the following: Vase American Beauty roses and plant of Cineraria Sutton's stellata, exhibited by John McClearey; cinerarias, exhibited by G. W. Brown; vase mixed roses, by Wm. Wilkie, gardener to R. S. Mason; Begonia Gloire de Lorraine, by H. Reuter, gardener to C. W. Henry; eupatorium, by F. Smith, gardener to Miss Nixon; violets, by Richard Moore, gardener to Jas. Cheston; a very fine Cypripedium Lawrenceanum, by M. Punch, gardener to R. LeBoutillier; mushrooms, by Paul Reinhardt, gardener to H. T. Mason; collections of roses, by Robt. C. Carey, gardener to E. T. Price; Brussels sprouts, by Frank Gould.

The most gratifying part of the exhibition was that almost every exhibitor showed in three or more classes. The schedule for the monthly exhibition will be announced at April meeting. ROBT. G. CAREY, Secretary.

SYRACUSE, N. Y.

A party of Utica florists was entertained in this city recently by Robert H. C. Bard in behalf of P. R. Quinlan & Co., Alfred Burt and Superintendent of Parks Thomas Bishop. The day was spent in a drive about the city and visiting the greenhouses of P. R. Quinlan & Co., Henry Burt and L. E. Marquisee.

The visitors were entertained at dinner at Henry's and the evening was spent at Young's bowling alleys in a match game between Utica and Syracuse. The Utica party included: J. C. Spencer, Frank Baker, Harry Mathews, Charles Mathews, W. J. Crowe, Peter Crowe, M. C. Brown, Dr. Rowlands and William Kauffer.

BELLTON, PA.—E. J. Winkler has started in business here with a greenhouse 12x100.

WANT ADVERTISEMENTS.

Advertisements under this head 10 cents a line, an average of seven words to the line.

WANTED IMMEDIATELY—If in your vicinity there be a private gardener or a grower, you can earn money easily selling Tobacco Dust and Tobacco Whale Oil Soap. Write for particulars. H. A. Stoothoff, 116 West Street, N. Y. City.

FOR SALE—Sectional steam and hot water boiler, as good as new. For prices and particulars address Hopp & Lemke, Paul P. O., East Grand Rapids, Mich.

FOR SALE—Florist's refrigerator; cost \$175; will sell for \$75 cash; just as good as new. Write for particulars to Lewis Ullrich, 181 Sycamore St., Tiffin, Ohio.

LANDSCAPE ENGINEER.

Plans for Gardens and Parks Drawn to Order, India ink or water color. Business advice in floriculture and horticulture. F. A. H., 500 33rd Avenue, Denver, Colo.

FOR SALE GREENHOUSE PLANT, established retail trade, well stocked, in fine condition. Good reasons for selling. For particulars, address,

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THE R. W. POWERS MARKET GARDEN,

consisting of 8½ acres, choice land, four greenhouses, large house and barn; built on honor and for own use; sickness compels change. An elegant place for any one wishing a choice country home; three railroads give access to New York and other large city markets.

Write CHAPMAN & CHAPMAN,

ONEIDA, N. Y.

FOR SALE.

Owing to the death of Aloys Mueller, a most thorough florist, his entire business, situated in New Brunswick, N. J., must be disposed of. There are twenty-four city lots under cultivation, upon which are the hothouses and other buildings, together with private dwelling, that are necessary for the successful carrying on of the business. The place is in excellent location—trolley lines—stone roads. Terms liberal. Immediate possession. Apply to Executors of Estate of Aloys Mueller, Com. Ave. & Sanford St., New Brunswick, N. J.

FOR SALE.

102 acres of fine land, part cultivated	\$2,800
Lot 52x241, four Greenhouses, Sheds, etc....	3,700
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Lot 100x125, five Greenhouses stocked, fine dwelling.....	4,800
25 acres; good shipping center, S. uthwest, fine Orchards of pears, cherries, etc....	6,500
60 acres, 23 acres in fruit, six Greenhouses, well established business	7,500
7 acres, seven Greenhouses land highly cultivated, large dwelling	9,500

Any of the above named properties is a bargain and those desiring to purchase will do well to communicate with us. These are only a few of the properties that we have for sale and leasing.

SMITH & SMITH, 345 Sixth Ave., PITTSBURG, PA.
P. O. Box 869.

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Parties contemplating using Iron Gutters will do well to note the following extracts from Patent No. 616,781 issued to George M. Garland:

The object of the invention is to provide a valley-gutter for greenhouses which will be so constructed as to combine a stop for the glass and a drip-conductor.

Another object of the invention is to so construct the gutter that the devices for fastening the gutter to supports will be below the weather-face of the gutter, thus avoiding perforations of the weather-face and consequent liability to leakage.

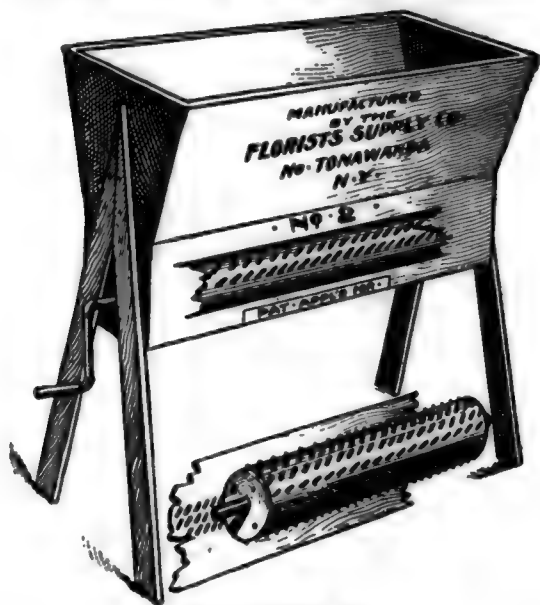
The nails, screws, or other fastening devices are passed through the drop flanges and into the lower ends of the roof-beams, so that these fastening devices for connecting the valley-gutter to the roof structure are below the weather-faces of the valley-gutter, and consequently the weather-faces of the valley-gutter need not be perforated, insuring against leakage.

George M. Garland

GEO. M. GARLAND, - - Des Plaines, Ill.

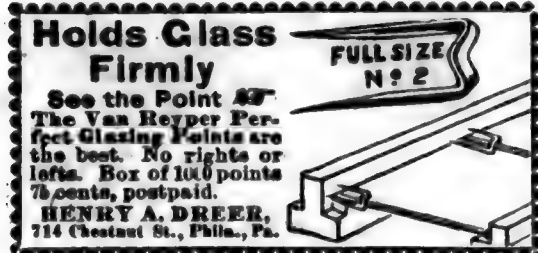
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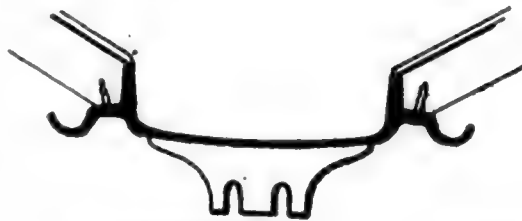
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520-535 Carlton Building, Chicago.

334 Dearborn Street.

Subscription, \$1.00 a year. To Europe, \$2.00. Subscriptions accepted from those in the trade only.

Advertising rates: Per inch, \$1.00; 1/4 page, \$13.50; full page, \$27.00. Discounts: 5 times, 5 per cent; 13 times, 10 per cent; 26 times, 20 per cent; 52 times, 30 per cent. Discounts allowed only on consecutive insertions. Only strictly trade advertising accepted. Advertisements must reach us by Tuesday to insure insertion in the issue of the following Thursday.

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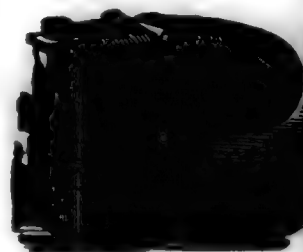
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Chicago. JOHN THORPE.

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M. S. WORDEN.

North Adams, Mass.

The only fault to be found with it is when you get reading it the midnight oil is liable to run low and you have to go on to gas or reluctantly break off, either going to bed or first taking a look over the houses to see if the temperature tallies with the Manual.

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BOBBINK & ATKINS.

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Am much pleased with the Manual. It is just what I have been looking for. Something that we can understand, and enjoy reading.

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I am very much pleased with the Manual. It is just what we have needed for a long time.

N. ZWEIFEL.

Milwaukee, Wis.

It is certainly a neat and handsome book and does you credit.

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After reading this book carefully, I am greatly pleased, and wish to congratulate you on the practical manner with which you have treated the subject.

This book is placed where it will be accessible to all of our greenhouse employees, where this board expects to reap a reward many times the cost of the book. Respectfully yours,

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R. J. CORYELL, Gen'l Sup't.

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THE WEEKLY FLORISTS REVIEW

FLORISTS' PUBLISHING CO., 520-535 Caxton Building, CHICAGO.

Vol. V.

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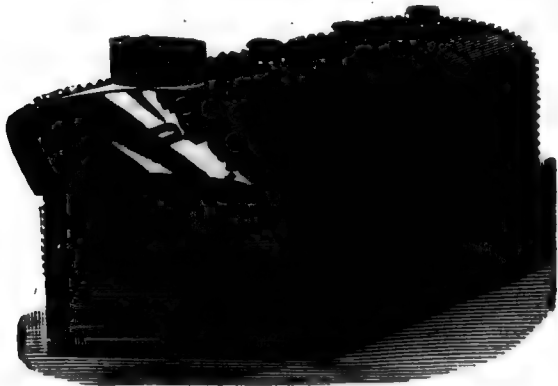
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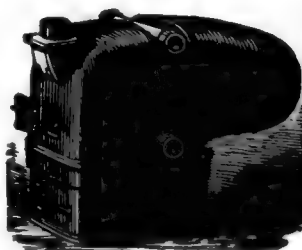
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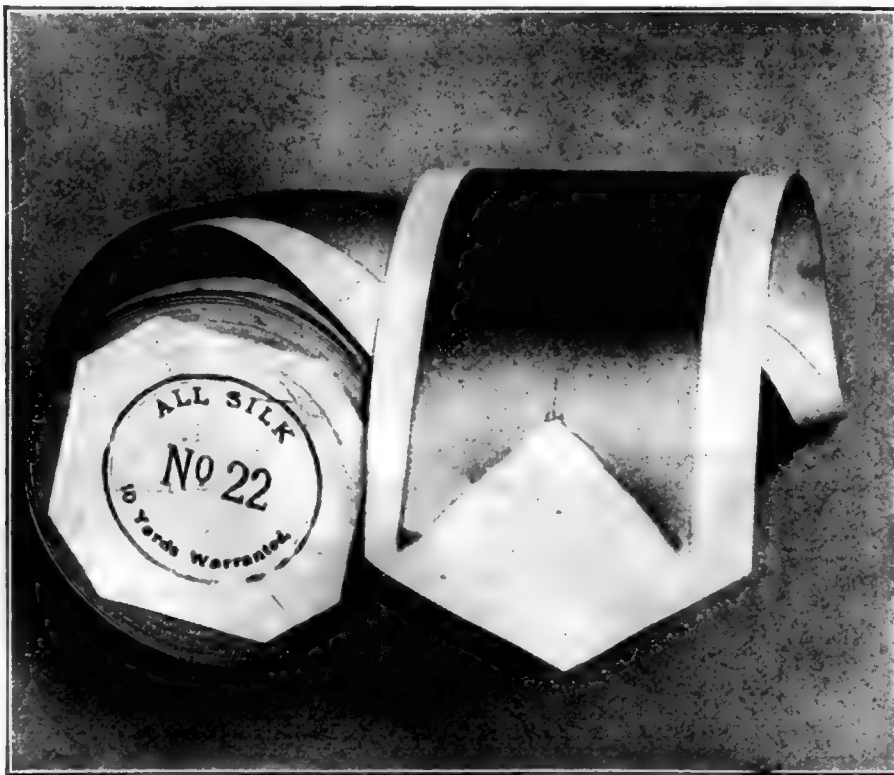
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All Plants Shipped via Express.

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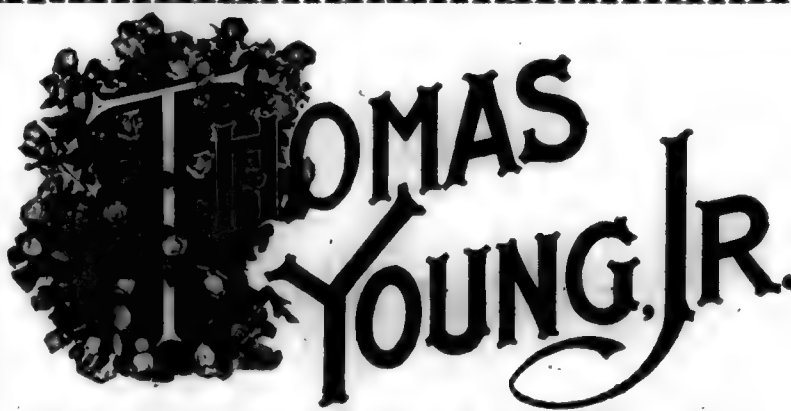
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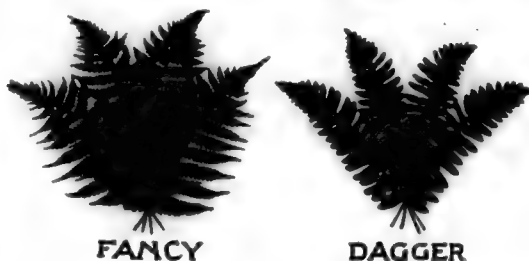
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HARDY Cut Ferns!

\$1.00 per 1000.

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BOUQUET GREEN.....4 cts. per lb.
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BOUQUET GREEN WREATHING,
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BALED SPRUCE, for cemetery use, etc., etc.

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Highly colored, 12 to 15 inches high above 6-in. pots. Choice stock. Price \$1.00 each; \$12.00 a doz.; also a few 7-in. at \$1.50 each, and 8-in. at \$2.00 each.

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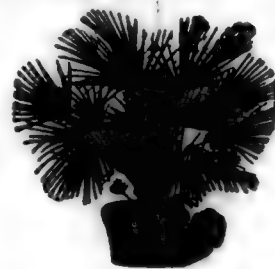
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Mention The Review when you write.

MISCELLANEOUS SEASONABLE HINTS.

Cannas and Caladiums.

I recommended the starting of Cannas and Caladiums a few weeks ago and to save room they could be placed in flats and stood over the hot water pipes where the heat was not too violent. They start quickly and grow quickly there. So do not let them get long and spindling. Rather place them on a bench in the light in a house where it is not below 50 at night. They will not grow fast, and you don't want them to, but can keep them two or three weeks in the flats or till Easter has given you the bench room.

Poinsettias.

It is about time now to think of propagating the poinsettia. This flower was extremely popular last Christmas and I can see no reason why it should not increase in favor, as it is almost alone in its brilliant color, and it is most assuredly profitable and will be until they are much more grown. We notice in some horticultural notes that some growers are now putting in pieces of the stem for propagating. This hardwood method is one way, but we by no means approve of it. We used to do that till we found a better way. They root all right, but you don't get as much stock or as good plants as by propagating the green cuttings, and they are rooted so early that they require a large pot or become exhausted.

Take the old plants that have been resting under the bench and should have been perfectly dry for the past two months at least, shake off all the soil, and plants that were grown in a 6-inch will now go into a 4-inch. If there is an inch or so of the wood on the end of the stem that is yet quite green, cut it off. Pot in good soil firmly and place them on a light warm bench and keep syringed. You will soon have a number of breaks, and when they are three inches long cut them off close below a joint and they root easily and surely in the ordinary propagating bench. Leave one joint on the old stem when taking off the cutting, because from that eye you will get another and later cutting.

It is by no means the first or even second crop of cuttings that we find the only useful plants. We propagate from the first of May till the middle of August. Last year those struck in August we used in 10 and 12-inch pans

and seven plants in a 12-inch pan, with heads six inches across and not over nine inches high, sold out quickly at a most profitable price.

Early in April is a good time to start your old plants growing. In the propagating bench there is nothing but plenty of water and don't let the sun shine on them. When first potted from the sand give them heat and shade. As should be known by everyone the poinsettia is tropical and should not be below 60 at any time.

Crimson Ramblers.

We adopted a method of growing Crimson Rambler roses for this Easter that was not imparted to us, but we are quite pleased with the results and are doing it again and it will be soon time to begin. I am aware that the majority of growers lift strong plants from the field in November and by great care in lifting, keeping them in a very cool and shady place and lots of syringing they manage to get them to take hold of the soil without shriveling and force them with success. The success will depend largely on how quickly they are transferred from the open ground to the pots and how little they suffer from dryness and wilting.

If you believe in this plan I would advise you to procure strong young plants and plant them out on your own soil. If cut back when planting they will make a strong growth this summer and when on your own place you can choose your own day for lifting and give them the treatment that insures success, which with plants dug from a nursery and lying around perhaps several days it is hard to do.

My plan that has proved a great success, scarcely one in a hundred coming blind, is to purchase strong plants from a nursery just as soon as they can dig. They will possibly have three or four strong shoots. Cut them back to within four or five inches of the stock, pot them in six, seven or eight-inch pots, according to strength of the plant. When we first potted them we put them under a cool bench till the eyes began to break. A cool house would have done but under the bench was cooler still. When the young growth was an inch or so long we selected half a dozen of the strongest and rubbed off the rest. As they formed roots they grew strongly and

then we put them on a low bench in a light house and with plenty of syringing they made a strong growth. Each growth or cane was trained to a strong stake and by July was five or six feet high.

In August we put them out of doors to ripen, not giving any more water than just enough to keep them from shriveling, and so gradually ripened them off. In November and December they were in a cold pit on their sides. The principal thing to avoid in this method that we found was that after the canes were ripe in September, we had lots of rain, and, the weather being warm, these plump eyes that are to give you the fine spikes of flowers will be inclined to break and make a growth that will upset all your previous care. So look out for getting soaked in the warm fall months.

Now this method may be more expensive but you can rest assured you will have every plant full of flowers. A fair specimen of one of them examined today showed a plant with three canes tied around some stakes. The plant is about three feet high above the pot, two feet through, covered to the pot with leaves and bearing twenty-six trusses of flowers just showing color. The Yellow Rambler, treated the same way, turned out nearly three weeks earlier loaded with flowers but absolutely useless; you don't want one of it.

Geraniums.

The most formidable job we have facing us just now is getting the geraniums into their flowering or selling pot, with us a 4-inch. We usually try to put this off till after Easter, but this year it would be too late and room must be found to begin. We have the credit in Buffalo of having good geraniums and get a good price for them. Most anyone can grow a geranium, but there are a few rules to observe.

Don't use a light sandy soil with a lot of leaf mould or rotten manure; use a rather heavy loam, and a fifth or sixth of old hotbed manure is good enough. Firm, solid potting is of the greatest importance. Solid potting induces a firm growth and early and large flowers. I see every day around me the same old style of potting and it produces itching of the epidermis, but what can you do? I am not going to give you a dissertation on shifting, but do avoid that putting the plant in the bottom of the pot and then heaping up the soil to be followed by a lot of surface thumbing. The plant should be wedged down firmly with the new soil equally divided around all sides of it.

WM. SCOTT.

VERBENAS.

B. B. asks: "Is there a way to have success with verbenas without putting them in a hotbed?"

Yes, most decidedly there is, but the object and result of giving them a hotbed is that it gives you bench room

from early in April till end of May, at a time when you need every inch of space. It also gives them a good free growth. The greatest danger, or rather drawback, is, if not watched they root into the plunging material and grow fast and strong with no inclination to flower, but this can be obviated by lifting up each plant, say every two weeks, which breaks off the roots and throws them into flower.

If you don't want to use the hotbeds, just keep the verbenas on a light bench. Give no shade, but plenty of water, and when setting the plants on the bench for their last move, if some easily handled material, such as refuse hops or sifted ashes, is scattered between the pots (but not beneath them), it will save much watering. A perfectly light house with plenty of ventilation is all that the verbenas need.

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These bulbs were grown by a Mr. Larrabee, Fairhaven, state of Wash-

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I will admit that I am by nature very sensitive, but it cuts me deeply when the above mentioned contemporary deliberately selects two of my best products, which, by the way, are the first chrysanthemums ever produced scientifically, as subjects for dispute. I certainly can see no excuse for doubting the statement of the gentleman from Little Rock, Ark. In truth, I am quite positive that he states the truth, as I have a sport from chrysanthemum Mrs. Edw. Salyer, which your readers must know is a twin sister of the variety W. H. Chadwick, having been produced from the same seed, which is identical with the Little Rock sport, a magnificent heavy bloom of a deep pink color, as clearly and positively reflexed as V. Morel, high, square shouldered, after the type of Mutual Friend, and that from a positively incurved variety.

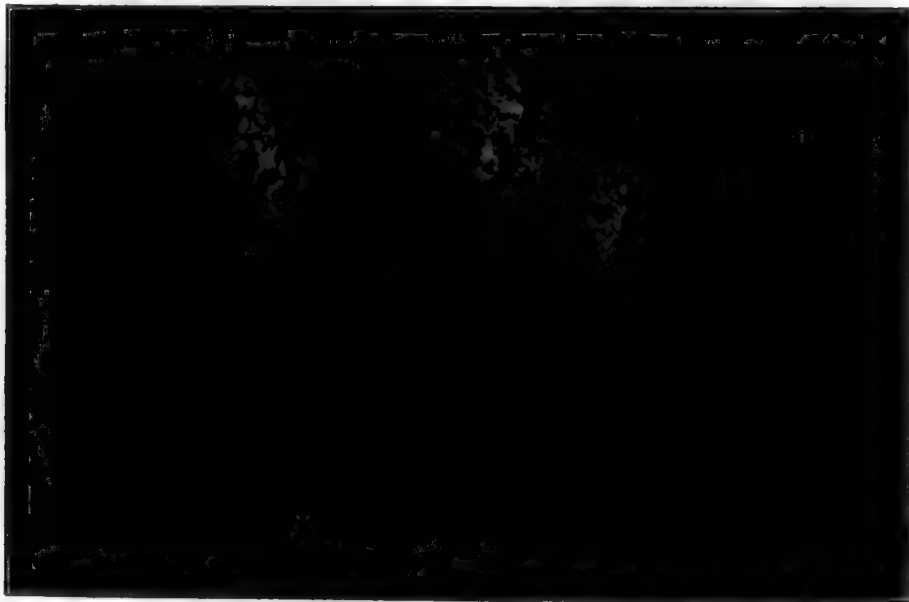
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Usually soils that are acid are deficient in lime. An easy method of determining the acidity or alkalinity of a soil is to put a small quantity of it in a glass containing some distilled water, and after it has been allowed to dissolve for some time, test it by means of strips of litmus paper. If the solution is acid it will turn blue



A Standing Wreath.

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From one to three tons of air-slaked lime per acre would probably be sufficient for a trial, at least. This amount would be approximately from 8 to 24 ounces per square yard. It is preferable to apply it in the fall.

Soil on which sorrel grows abundantly is probably acid, and is deficient in lime.

In the absence of more definite information concerning the condition of the soil in the "solid bed" mentioned, and whether any crop is being grown on it at the present time, it is impossible to suggest any treatment.

Beneficial results should attend the application of bonemeal to soil intended for carnations. It may be applied at the rate of 20 ounces per square yard.

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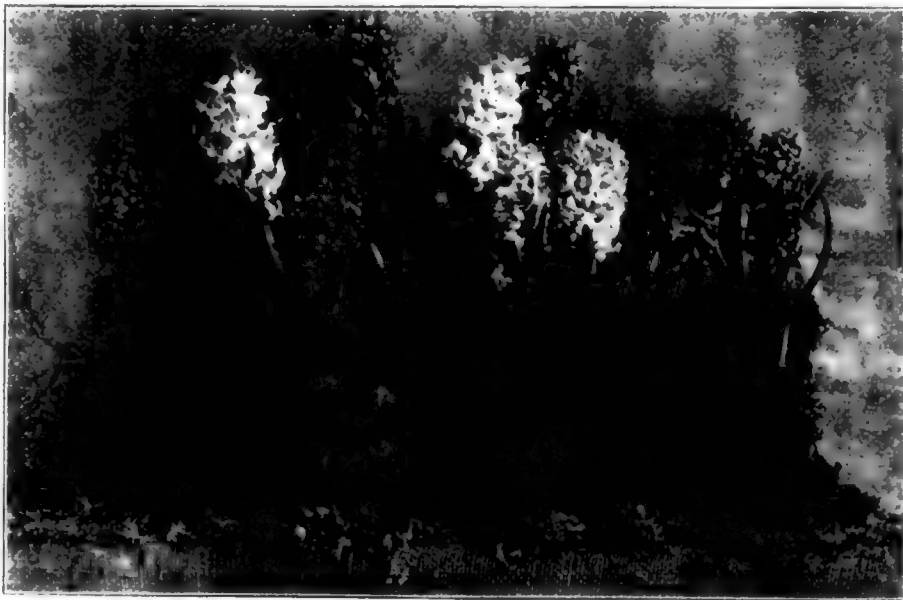
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live in the memory of his loving friends. They are safe in a community which gave him esteem and confidence because he had honesty, conscience,

principle. He was the first president of the Gardeners' Club, as he deserved to be by his position in the trade and his enthusiasm for the organization, and it owed much to him, he having kept it up when others might have failed. But its origin was literally as stated in the Review. It is a matter always known and of record. RIX. Baltimore.



ROSES

DISEASES OF THE ROSE.

BY PROF. BYRON D. HALSTED.

[Read before the American Rose Society at New York.]

The earliest trouble of the rose to engage my attention ten years ago, when I first went to the New Jersey Experiment Station, was that due to nematodes. In the report of that year it is recorded that "sickly stunted greenhouse roses have been sent to the station and the cause for the lack of vigor was not far to seek. The roots of the plants were badly knotted and the whole root system infested with gall-worms."

In the report for the next year (1891) the following is found recorded: "Complaints have come to the station from various quarters of a shortness in the hot-house rose crop, and a visit made to Madison and other rose-growing localities convinces me that the trouble is not due to any one enemy. The affected rose plants have a stunted, sickly appearance; they fail to send up strong shoots, and only develop short stems, bearing pale, sickly leaves. Such plants fail to produce good flowers and are comparatively worthless."

"The roots of such specimens may be swollen in places and the knots contain multitudes of nematode worms. It is of great importance to have the soil used for potting plants or the greenhouse bed free from worms, and of course only plants with roots free from knots and galls should be used. The greatest trouble with the rose plant soil is probably the manure that is used in great abundance by the growers. It is likely that this manure is infested with the worms. An experiment in raising roses in a soil where stable manure is replaced by a judicious mixture of commercial fertilizers, is well worth trying. It has been shown, for example, during the present season, that sweet potatoes

can be grown to great profit without the city manure that has been the standard source of plant-food among truck farmers. Also it has been demonstrated that potatoes thus grown are less liable to attack of the various rots and decays. If the right mechanical consistency for the roses can be obtained in connection with the commercial fertilizers, it is quite evident that the soil would be under better control and less liable to various infections."

In 1892 six pages were given to nematodes, thus showing that the study of the subject had been continued. The last words by the speaker upon the subject are in an article written by request for the Florists' Exchange, and published in its issue for January 27th of the present year. From that article the closing paragraphs are quoted: "The point that most interests rose growers is how to get rid of the nematodes. In order to do this it will be of much assistance to know where the worms come from—how they propagate and get into the roots of infested plants. These eel worms are much more abundant than generally supposed, and it is only when they are numerous that their mischief becomes apparent. In looking up the subject of tomato blight in the south some years ago, it was observed that the tomato plants were, almost without exception, more or less affected with root galls, and the same is true of a large list of plants, both herbaceous and woody. The nematodes are, as a rule, much more abundant in warm climates than elsewhere, and the lack of these pests in northern gardens is likely due to the freezing of the soil."

"The greenhouse furnishes the proper condition for the propagation of the eel worms, and this naturally raises the question of how they first get into the bed. This may be in one or more of several ways. They may be already in the roots of plants, but in small numbers, when the plants are placed in the house. To guard against this, the roots should be examined as closely as possible for the galls, when

the beds are set, and all galled rose plants excluded. The nematodes may come in with the earth. As before stated, the worms infest a large number of kinds of plants, and it is an easy matter for them to come with the soil. Soil that has not been used for growing plants in the garden is not necessarily free, but if taken from a pasture or meadow may contain many nematodes. Then again they may be taken into the house with the manure that is used.

"The determination of the best precaution remains for the practical rose grower. Cold in excess will probably destroy the worms, and likewise a high temperature is inimical to them. Both these conditions may be impracticable to apply to the soil, the one being impossible in some cases and the other too expensive.

"Recently Doctors Stone and Smith, of the Massachusetts Experiment Station, have made extensive tests with nematodes, and they conclude their report by stating that while many solutions are capable of killing the mature worms, the strength and amount necessary to add to the soil is great.

"The most effectual, complete and practical method at the present time of exterminating nematodes in greenhouses is by heating the soil by means of steam. This can be accomplished without much expense, providing proper attention is paid to the method of applying the steam.

"They find the minimum amount of heat necessary to kill the nematodes is 140 degrees F. Rose growers might make the experiment of heating the soil of a small portion of the bed before setting the plants, and satisfy themselves if such treatment will pay. If manure is the chief vehicle of the worms, it may be possible to grow roses without so much of this constituent of the rose soil. It may be that roses can be grown with a formed soil, to which all the necessary elements of plant food have been added as commercial fertilizers. Perhaps, however, the pampered rose will not perform its part unless fed in the ordinary way to which its ancestor has been accustomed.

"The fact is that the worms are doing much damage and when they are once in a plant there is no known way of driving them out. New conditions may induce the formation of new roots and a sickened plant may revive, but this is not to be expected under such circumstances.

"With roses the writer has not found the eel worms in other than the roots, and it is not thought that cuttings from galled plants will carry the trouble."

The Black Spot.

(*Actinonema rosae* Fr.)

The most widespread and conspicuous of the one hundred or more fungous diseases of the rose is the Black Spot, due to the *Actinonema rosae* Fr., and first described in 1826. It is seen that this is an old enemy



Decorations of the Casket containing the remains of the late W. W. Greene, Watertown, N. Y.

and has long been known to the rose growers of Europe. The foliage, when attacked, soon develops the characteristic black spots, and the leaves become elsewhere pale and shortly fall to the ground. As a result, rose houses badly infested with the black spot show but few leaves and fewer blooms. The microscopic structure of this fungus has been fully considered, with plates, in the first annual report made by Prof. Scribner as Chief of the Section of Vegetable Pathology of the United States Department of Agriculture for the year 1887. It only needs to be said here that experiments with this fungus have been carried on sufficiently by the New Jersey Station to warrant the assumption that it can be controlled by the proper use of fungicides. This trouble may be held in check by the carbonate of copper compound (cupram), using five ounces of the carbonate of copper to three quarts of ammonia and sixty gallons of water. The spraying should be done once a week, using a hose with a nozzle that gives a fine spray. The point should be to wet every part of the plant, and yet not drench it. If many leaves have fallen from the plants they should be gathered up and burned.

Some varieties are more liable to the black spot than others. When possible—that is, when all other things remain the same—it is, of course, wise to grow those least susceptible to the disease. It may be said, in passing, that during the year 1892 the Black

Spot was observed by the speaker upon a species of wild rose (*Rosa humilis*), where it was causing the leaves to become spotted and yellow. It is not surprising, for the wild plant was growing but a short distance from a neglected estate where garden roses were badly spotted.

The actinonema is a small genus and some of the species are parasites upon the basswood, beech, ash, viburnum. The one upon the rose is not found upon plants outside of the genus *rosa*, and there has its favorite species and varieties. This is shown in a remarkable manner with some of the cultivated sorts grown side by side in the same house. It is often very bad upon the "American Beauty."

The Rose Leaf Blight.

(*Sphaerella rosigena* Ell.)

A fungus that disfigures and injures the rose leaves almost as badly as the Black Spot is the *Sphaerella rosigena* Ell., and commonly called the Rose Leaf Blight. A thoroughly diseased leaflet has large irregular blotches of gray color surrounded by a margin of dark purple. The gray dead center of the spot bears a number of pimples or specks—more numerous and conspicuous near the center, and in these the spores are produced.

Under the microscope the fungus is very different from the Black Spot, and instead is closely related to the leaf blight of the strawberry, which is due to *Sphaerella fragariae* Tul. In

other words, the two blights in question are as closely related as any two species of the genus *rosa*. It is important to know these relationships between the various plant diseases, for it is helpful in the struggle in overcoming them. The Leaf Blight of the strawberry is very much more common than that of the rose and any effective remedy found for the former may be of value in checking the ravages of the latter. Fruit growers have found this strawberry Leaf Blight a hard one to check, perhaps because of its many forms of spores and the low habit of the plant and the consequent difficulty of readily spraying the foliage upon the under side. This difficulty does not obtain with the rose, and it may be controlled more easily. There is no question but that the standard fungicides should be used when this fungus is at work.

The Black Rot of the grape, due to *Laestadia Bidwellii* (Ellis), is a first cousin to the rose disease in hand, and the fact is mentioned because the grape rot trouble is one of the most common and destructive of the whole list of fungous diseases. There is a stubbornness met with in attempts to control this decay that almost baffles wine growers, especially during moist months in the growing season.

The Rose Mildew.

(*Sphaerotheca pannosa* Wallr.)

The most familiar fungous enemy of the rose is the mildew (*Sphaerotheca pannosa* Wallr.). This disease has

been known for a long time and is quickly recognized by the powdery coat it develops upon the affected parts. It is so rapid in its development that rose growers are sometimes inclined to assign the cause of the growth to that which is in reality only the condition or conditions favoring the appearance of the mildew. It comes from spores, which, falling upon the surface of the plant, will quickly germinate and produce a cobwebby coating to the foliage. This fungus is so different from the others that have been mentioned that a word is needed in way of explaining the habit of the parasite, as this lies at the foundation of the rational treatment of the pest. In the first place, the rose mildew is a surface feeder and only attaches itself to the epidermis of the host, through which, by means of small suckers, it derives its nourishment from the deeper seated substance. Being therefore entirely upon the surface, the fine threads of the fungus may grow rapidly and make a mildew patch in a very short time that is easily seen.

The exact conditions that favor this development of the spores are of course better known to the rose growers than to me. Some of them claim that they can develop the fungus at will by omitting some essential point in heating, warming, or ventilation, particularly the last. If a certain current of air is sure to produce the mildew, and of this I am not fully able to say, it follows that the spores of the mildew were widely scattered through the house and they started into vigorous growth at those places where the conditions were supplied for such activity.

The superficial nature of the mildew is of great importance when the matter of remedies is considered. It is a fungus that is in the air, as it may be termed, in contrast with most of the rose diseases that when active are deeply seated in the plant. The spores are produced as minute delicate cells upon upright filaments that arise from the web of horizontal vegetable hyphae. They are easily reached by fungicides and apparently destroyed without difficulty. Any of the ordinary sprays will answer for the mildew, but even these need not be resorted to, provided spraying is uncalled for by the presence of other rose fungi. In short, if the mildew is the only enemy at hand, it may be kept in check by the use of flowers of sulphur, either dusted upon the plants or even the pipes of the greenhouses, the point being to produce a gentle fumigation of the plants and the whole house with the fumes of the sulphur. Professor Maynard, of the Massachusetts Experiment Station, finds that a small kerosene stove is most convenient for this purpose, and the sulphur, by means of it, is boiled in a kettle for two or three hours twice a week, the house being closed during the operation. The only precaution is to use no more heat than

is sufficient to boil the sulphur, for should it catch fire it might damage the plants.

Mr. John N. May writes that the best way to get rid of the mildew is to close the house about 8 o'clock in the morning, run the temperature up to 75, then, with a bellows, fill the house full of sulphur. Let the house remain closed till it reaches 85 or 90, and afterwards let the air in gradually. A constant circulation of air is likewise recommended for roses at all times. Potassium sulphide, one ounce to two gallons of water, sprayed upon the plants has proved an effective remedy. Massee states that "flowers of sulphur mixed with about one-third of its volume of slaked lime dusted on the foliage prevents the spread of the disease."

Gardeners, from long experience, have come to the belief that rose mildew is induced by a weak condition of the plant, resulting from partial starvation, irregular or excessive watering, and undue exposure to drafts of cold air. The best success in rose growing, as in all other things, attends those who give constant, intelligent care to the many details.

The rose mildew has its close of kin in the mildew of the chrysanthemum, the phlox, pea, gooseberry, grape, cherry, and apple, and many forest trees, as oaks and chestnuts. Some of them are very injurious, but all can doubtless be controlled by fungicides.

The Downy Mildew of the Rose.

(*Peronospora sparsa* Berk.)

A second form of mildew is sometimes troublesome to rose growers. This is a close relative of a similar one upon the greenhouse lettuce, and another is often destructive to spinach; while the third is the cause of a soft rot of potatoes. It produces downy or velvety patches upon the leaf, quite unlike the form above described, and the threads run through the substance of the leaf. In this case the fungus will have vegetated for a considerable time before it appears upon the surface, which is entirely for the purpose of producing its multitude of spores borne upon the tips of the many aerial branches.

It is evident that the sulphur fumes may cause the destruction of the spores, but may not reach the hyphae that are vegetating within the substance of the host. Such treatment, while tending to check the spread by means of the spores, will not be sufficient to arrest the growth of the fungus that is already in the tissue of the host.

There is also a second form of spore that is produced beneath the skin of the leaf and out of the reach of fungicides. As a precaution, it is therefore well to destroy any mildewed leaves, or else when they fall the spores may be set free. It may be said that the careful rose grower will gather up and destroy the dead foliage and reduce as far as possible

thereby the chances of his plants becoming diseased from spores that are formed upon or within the old leaves.

The Rose Rust.

(*Phragmidium subcorticum* Schr.)

There is a genuine rust of the rose, similar to that of wheat, oats, and other grains, but it is a pleasure to note that it is not common upon indoor roses in this section of the country. It has been sent to me at various times as a troublesome pest upon roses grown for ornament in the flower garden and lawn. In "Plant Diseases by Massee," a new book just published in London, this rust is figured and described as follows: "A troublesome pest to cultivators of roses, attacking more especially hardy hybrid varieties. All three forms of the fungus are produced on the same host. The aecidia appear in late spring on the leaves and young shoots, forming powdery, orange patches, and often cause distortion of the shoots. About midsummer the patches become deeper in color, owing to the formation of uredospores. Finally the teliospores or resting spores are produced as minute black dots on the under surface of the leaves."

"The appearance of the disease in spring depends entirely on the presence of teliospores in the neighborhood; it is therefore necessary to collect and burn all fallen leaves in the autumn. Plants that have been attacked the previous season should be thoroughly drenched with a solution of sulphate of copper in water—2 ounces in 3 gallons—in early spring before the buds expand. The soil round the plants may also be sprayed with the same solution. Dilute Bordeaux mixture, or ammoniated carbonate of copper solution checks the aecidium and uredo stages."

"The fungus also grows on wild roses, and these may become a source of infection unless precautions are taken."

American rose growers are doubtless familiar with the orange colored powdery masses in early summer which accompany the malformations of stem and leaf, followed by the dark almost coal black patches later in the season. When a shrub is badly infested there is little better to do than cut the whole plant away close to the ground. This fungus is closely related to the one upon the blackberry and raspberry, causing the destructive rust of those plants. It has been shown that the fungous hyphae penetrate all parts of the blackberry plant, even the roots, and the rose grower may not find that severe pruning will rid the plant of the pest when it is thoroughly infested. Therefore, as with the raspberry rust, it may be necessary to root out and destroy the rose bush and start again with a healthy plant. This rose rust is a good illustration of the great depth to which a fungus will penetrate in the host and the difficulty of eradi-

cating the same. It goes without saying that ordinary sprays will be of little curative effect upon a plant when the living vegetative threads of its fungus parasite penetrates to all parts.

In California the reader has seen the rust upon roses much worse than here—when every leaf upon some shrubs was badly affected. In such a warm climate, when the plants retain their foliage throughout the year, the dark winter spores, not being needed, are omitted, and the orange colored form of summer is perennial. There are many of the rusts in the warmer parts of the earth that grow continuously, while the same kinds of plants with us are exempt, presumably due to the uncongenial nature of our climate. In passing it may be said that the chrysanthemum rust produces only the summer form in the greenhouse, and the hardy out-of-door sorts seem to be exempt from the disease.

The Rose Anthracnose.

(*Gloeosporium rosae* Hals.)

The chief feature of this disease is the scarcity of leaves. Instead of a plant with foliage upon all the canes, there are but few leaves upon some stems, while others are entirely defoliated. The whole plant is infested with the fungus, and this parasite so saps the vitality and interferes with the processes of growth that the leaves, even if they were healthy in themselves, are unable to perform their work. The fact is that the leaves are infested with the anthracnose filaments, and soon after falling, if not before, they will show the spore formation of the anthracnose fungus, *Gloeosporium rosae* Hals. In general appearance and habits of growth this fungus is quite similar to the one causing the anthracnose of the raspberry, named *Gloeosporium venetum*; possibly it is identical and if so the presence of the one is a menace to the host of the other.

The rose plant is most likely attacked while young, or at least it is to be presumed that the young portions of a plant are most susceptible. The attack is from without, and the spores falling upon the surface of the young, tender canes, and leaves as well, there germinate and produce, in a short time, an affected spot. If this takes place in a cane, it is natural to suppose that the portion above the infested part will be girdled, in so far as the attack is great, and this will interfere with the direct support by the whole plant of the part beyond the diseased place. Besides this, the fungus spreads, and more rapidly, in the direction toward the tip of the cane. It is not unusual for a diseased plant to send up apparently healthy shoots from near the base of the stem, these in turn to become infested.

Roses that have a sickly color to the foliage, with the leaves falling prematurely, especially from the tips

of the canes, may be suspected as victims of the anthracnose. A hand lens should be sufficient to assist in finding pinkish blotches upon the leaves, particularly those that lie upon the moist earth beneath the half-defoliated plant. Similar but better defined pimples usually occur upon some portion of the cane.

It will be gathered from these remarks that rose anthracnose is a specific disease, caused by a well defined fungus that grows rapidly from spores, penetrates the substance of stem and leaf, and finally causes defoliation and death of cane. The anthracnose, because of its multitude of spores produced in pimples on leaves, particularly fallen ones, and the canes, and the ease with which they are transported by water, also rapidity of germination, all combine to make this fungous enemy of the roses very contagious.

This class of fungi in which the *Gloeosporium* belongs is amenable to treatment by fungicides. A coating of the Bordeaux mixture or cupram upon the leaves and stems prevents in large degree the entrance of the germs. Therefore all rose-houses where there is any anthracnose should be sprayed with one of the above compounds. It goes without further saying that all plants that are nearly leafless from this cause should be either cut down to the soil or thrown bodily into the burn-heap.

The Rose Leaf Spot.

(*Cercospora rosaeicola* Pass.)

Somewhat similar to the leaf blight previously mentioned is the leaf spot due to the fungus *Cercospora rosaeicola* Pass. This produces spots that are of a gray color with a dark purple border and the spores are long and borne in little tufts upon the surface of the central portion of the dead areas. In microscopic structure the leaf spot and the leaf blight are very different, the former having the spores upon the tips of threads which previously have grown through the stomates. The leaf blight has the spores borne internally in small pits and are poured out in a viscid coil when the part is moistened.

These facts are given to show that while to the naked eye the differences between the two herein named fungi are not apparent, under the microscope they are widely unlike and the treatment that will work admirably for one may not answer for the other.

As yet this leaf spot is not common, but when found at all is often quite destructive. From the nature of the fungus it is inferred that it is to be easily controlled by fungicides. For example, its cousin, *Cercospora beticola* Sacc., is the common beet leaf spot with which there have been many experiments, and it is found very amenable to treatment with the Bordeaux mixture and other standard fungicides.

Black Speck of Roses.

(*Pilobolus crystalinus* Tode.)

Complaints have come to the writer from time to time with regard to a speck upon the rose plants. This trouble is due to the indirect, and not the intentional, action of a fungus, and in this respect is quite unusual and merits a word of consideration. The fungus that is the source of trouble is somewhat closely related to the coarse one that thrives upon bread, and is very damaging to sweet potatoes in the storage bin, causing the soft rot. In short, it is one of the molds and grows upon organic substances, and not, as before stated, upon the rose.

The fungus in question is *Pilobolus crystalinus* Tode, and forms in large numbers upon the manure used to cover the bed where roses are growing. As it matures, a dark oval ball or sac is produced, filled with spores of the pilobolus. This black sac is supported upon a swollen stalk rising from the surface of the manure, and when mature the enlarged portion, filled with liquid, suddenly forces off the spore sac and collapses, throwing the ball of spores into the air. These dark spore sacs are covered with moisture as they are discharged and will adhere to any object which they may strike in their flight.

The writer has examined houses where this fungus has developed extensively upon the manure and counted as many as a hundred specks to the square inch upon the white woodwork surrounding the bed. An examination of the perpendicular sash in dividing walls in greenhouses will show, from the numerous spore specks adhering, that the height to which the dark sacs are thrown is fully ten feet; but there is a rapid falling off in the number upon any given area when the height of two or three feet is reached.

These specks, of course, from what has been written, may be upon any plant that is within range, but they do no further harm than the disfigurement thereby produced. They are more often met with in rose houses, because there the manure is more frequently left upon the surface than with other kinds of plants.

If a remedy is sought it may be found in dispensing with the manure on the surface, stirring it at frequent intervals to prevent the fungi from having time to mature their dark shells containing the "shot" in the form of spores, so to speak, or by using some fungicide as a spray upon the manure that will kill the mold. However, as a rule the bombardment does not last long and no vigorous measures are generally called for in this case.

An illustrated article by the writer upon this subject appeared in the *American Florist* for April 30, 1898.

Bronzing of the Rose.

As a last trouble to be mentioned at this time, attention may be called to a peculiar discoloration of the leaves

that has been termed "bronzing." The affected foliage takes on a brown hue and the leaflets may fall away. With some varieties, as La France, it is much more frequently met with than upon most other varieties. It is not demonstrated as being of fungous origin, and probably is due to a structural weakness permitting the skin to become scalded or at least injured by great exposure to the sun.

If this be the fact, the remedy seems to lie in a more complete shading of the plants. Of two varieties equal in all other points, the one that is most nearly free from the "bronzing" should be chosen.

Conclusion.

In conclusion it may be said that the purpose of this paper has been to point out some of the characteristics of the leading fungi injurious to the rose, with remarks upon the remedies for the same so far as they have been determined. As a rule these diseases thrive best under conditions of too great moisture, accompanied by ill ventilation and draughts of cold air. One cannot say that they are entirely creatures of neglect, but frequently they come in their greatest strength when culture has not been according to the sound principles of healthy vegetable growth.

Let it not be forgotten, however, that fungous diseases are contagious, and the virus for inoculation passes from plant to plant by the currents of air and may drip from leaf to leaf in the water that falls from the nozzle of the hose. Great care needs to be taken not to introduce an enemy with new stock, and the grower should be swift to discard or destroy that which is not healthy.

The true rose grower will make it his highest ambition to grow superior plants, for the profit, it may be, but first of all because his heart is in his work, and I do not know of anything one can be more proud of than of roses—the queen of all flowers, which, as loved pets, have willingly and generously responded to the highest

and excellence in response to tender, sympathetic and loving care.

AMERICAN ROSE SOCIETY.

The Exhibition.

The first exhibition of the American Rose Society opened Tuesday of this week in the Eden Musee, New York, and it was the finest rose show ever seen in this country. There was lots of enthusiasm and the future of the society is very bright.

In Section A, open to all, 25 blooms each, for American Beauty, Myers & Samtmann, Philadelphia, were first; Joseph Heacock, Philadelphia, second. The Bride, E. M. Wood, Boston, first; Jos. Heacock, second. Bridesmaid, H. Hentz, New York, first; Jos. Heacock, second. Meteor, J. H. Dunlop, Toronto, first; L. B. Coddington, second. Mrs. Morgan, J. H. Dunlop, first.

Mme. Cusin, Ernst Asmus, New York, first. Mme. Hoste, J. H. Dunlop, first. Perle des Jardins, J. H. Dunlop, first; L. M. Noe, New York, second. Maid of Honor, Hoffmeister Floral Co., Cincinnati, first. Lady Dorothea, E. Brant, first. Mme. de Watteville, E. Asmus, first.

In Section B, competition limited to establishments having not more than 20,000 feet of glass devoted to rose culture, 12 blooms each, H. Weber & Sons, Oakland, Md., took firsts on American Beauty, Kaiserin and Perle. For Bride and Bridesmaid, T. J. Kelley, first; J. F. Ryan, second.

In Section C, open to private gardeners and amateurs only, 12 blooms each, for American Beauty, W. L. Stow, first; Levi P. Morton, second. Bride, C. N. Bliss, first; J. B. Colgate, second. Bridesmaid, C. N. Bliss, first; F. O. Matthieson, second. Souv. de Wootton, J. B. Colgate, first. Bon Silene, J. B. Colgate, first.

In the class for climbing roses in pots, open to all, H. C. Steinhoff was first for best specimen in not less than 12-inch pots, and for six Crimson Ramblers in not over 8-inch pots.

Of the special prizes, the Mason cup, valued at \$100 and offered for the best display of roses and containing not less than 100 blooms, was won by Peter Crowe, Utica, N. Y.

The Bliss cup, valued at \$50 and offered for the best 50 blooms, any variety, went to Ernst Asmus.

The Trevor prize (\$25.00), for best arranged vase of roses, was awarded to Benj. Dorrance, Dorranceton, Pa.

The Fitzgerald prize (\$10.00), for best vase, 36 roses of any one variety, not American Beauty, was taken by T. J. Kelly.

The Thorley cup, value, \$150, for display of named roses, not less than twelve, nor more than fifty of each variety, was won by Ernst Asmus. But it must be won twice to become the permanent property of the winner.

The Wood prize of \$15.00 for 25 blooms Marechal Niel was won by A. G. Spalding.

The Pierson cup, value \$50.00, for best 100 blooms red, went to L. M. Noe.

The Asmus prizes, for best 50 American Beauty, first, \$30.00, Jos. Heacock; second, \$20.00, L. M. Noe.

The Taylor cup, value \$25.00, for 25 blooms of Admiral Dewey, was won by J. H. Taylor.

The American Rose Co.'s cup, offered for 25 blooms of Golden Gate, went to Robert Simpson, Clifton, N. J.

The two prizes offered by the New Jersey Floricultural Society for 36 blooms, commercial growers excluded, \$10.00 and \$5.00, went to Gen. H. L. Terrell and Wm. Rockefeller, respectively.

The \$25.00 prize offered by the Morris County, (N. J.) Gardeners' and Florists' Club, for 18 blooms each of Bride and Maid, was captured by J. H. Dunlop.

The Hill vase, for best collection of named roses, will adorn the collection of Ernst Asmus.

The \$10.00 prize offered by the Lenox (Mass.), Hort. Society, for vases of Bride and Maid, open to private gardeners only, was won by Morris K. Jesup.

The Young cup, value \$50.00, offered by Thos. Young, Jr., New York, for the best mantel decoration of roses, was awarded to Ernst Asmus, as was also the Craig cup, value \$50.00, offered for the best mirror decoration.

The New York Florists' Club's medals, 1st prize, gold; second prize, silver, for the best 100 roses in four varieties, from growers residing more than 150 miles from New York, were awarded to Peter Crowe, of Utica, N. Y., and Benj. Dorrance, Dorranceton, Pa., respectively.

The Lincoln prize, for the exhibitor having the finest roses in the show, went to E. M. Wood.

There was a total of 15,000 roses on exhibition.

The Election.

At the annual election all the old officers were re-elected, and J. H. Taylor was made vice-president.

SAN FRANCISCO.

Various Items.

Business has been very slack this week with most of our stores, and such a state of trade during Lent is not unusual. We are now in the midst of a warm spell of weather that affects violets very much, making them very scarce, and poor as to quality. Lilac and gladiolus are now in the market, also a few varieties of Iris, narcissus poeticus and anemones. Carnations are coming in more plentiful and are improving as to quality each day. Many of our growers will try a sample of the new eastern carnations this year, so our carnation fanciers will have a chance to gaze upon a Lord, a Marquis, a Lawson and an Olympia. Roses are slightly better as to quality and are plentiful. A few nice plants of azaleas, in mixed colors, are in market this week, but go slowly. Harrisii will be plentiful for Easter sales and the quality seems to improve right along.

Prices: American Beauties, \$1.50 to \$3.50; Brides, Bridesmaids, 35 cents to \$1; Meteors, 25 cents to \$1; Testouts, Kaiserins, 50 cents; Gontiers, Siebrechts, 25 to 50 cents; Perles, 50 cents; Cecil Brunners, 12½ cents per dozen. Carnations, Hobarts \$1, Crockers 75 cents, Flora Hill 50 to 75 cents. Bradts and Gold Nugget 35 to 50 cents, Scott 25 cents, Portias 10 to 20 cents per dozen. Harrisii, \$3 to \$3.50; gladiolus, 50 cents; freesias, 10 to 20 cents; valley, 35 cents; tulips, 25 cents per dozen; iris, \$1.50 per 100; narcissus poeticus, \$1 per 100; violets, Princess

of Wales \$1 to \$1.50, Californias \$1, doubles 75 cents per 100; azaleas, 7-inch pots, \$60 per 100.

Mr. J. Gilmore has resigned his position with E. W. McLellan, Burlingame, and it is reported will start in business for himself at Elmhurst.

E. Gill, Washington street, Oakland, will move some time in April, but where the new store will be is as yet unknown.

H. B. MacGowan and John Jack are of the opinion that a Florists' and Gardeners' Club would be the proper thing for Oakland. Right they are, and I for one would be glad to see the above gentlemen succeed in their efforts to organize one. Many attempts have been made to form clubs in Oakland and San Francisco, but each time failure stared us in the face. Jealousy on the part of some of our would-be members seemed to be the cause of our failures. How nice it would be if our Oakland florists and gardeners would come forward and form a club, be like their eastern brethren and entertain themselves with card parties, flower shows, bowling contests (I don't mean the punch-bowl), etc. I cannot help but sigh every time I take up our trade papers and read of the gay times our eastern florists enjoy.

Mr. Alex. Mackenzie and the writer visited the greenhouses of A. Galloway, Fruitvale, on March 20th. His carnations are simply grand, with a perfect sea of buds. The Lawson, Marquis and Olympia will be tried this year by Mr. Galloway. Our next visit was to Mr. Peter Nicholson of San Lorenzo, where we found our worthy friend among his Maids, and they were very fine indeed, nicely colored and with perfect stem. After viewing his Brides, which were also finely grown, Peter invited us over to his cozy little dwelling and introduced us to his own dear bride, whom we found to be a very pleasant lady. Then we drank each other's health (we men only), quenching a Ladysmith thirst. On parting, Peter inquired if we intended making any more visits that day, and we replied: "Yes, to the man that has better roses than yours," but we have not found him yet.

One of our local florists met the writer on the street one day this week, and these were his words: "Mr. J. N., will you please let up joshing me in the Review?" How thin-skinned some people are. Take Mr. Wm. Phelan, for instance; I never let up on him, and I am sure I haven't hurt his "Phelans" yet.

J. N.

DENVER, COLO.

The City Park.

Since the advent of spring the City Park has put on a more lively appearance. The walks and drives are thronged with visitors, the trees are beginning to bud and show life, and the lawn is turning green. At the conservatories there are from 10,000 to

20,000 each of santolinas, alternantheras, geraniums and hardy perennials in variety which are being grown to beautify the grounds this summer.

Among the more attractive show plants are A. Scherzerianum giganteum with its brilliant metallic luster and calla lily flower, Aloe socotrina, Gasteria ensifolia, the orange with its ripe fruit, Araucaria excelsa, Phoenix dactylifera in bud and agaves of large size.

A geranium named for the great admiral, Ito, is a dwarf among its cousins, but is fast becoming known as a rustler. Another geranium, a sport from Caillebotte, whose good qualities are being carefully studied, has been named for the Hon. Mr. Johnson, mayor of Denver.

A new shed has been added to the conservatory, which saves much annoyance and does away with all the chaos that heretofore existed. The old shed has been cleaned up, repainted, and fitted up for a parlor and reception hall. The walls and chimneys were repaired and painted; the plants have been nicely arranged to give them a presentable appearance; the grounds around have been cleaned up and the roads graveled just as predicted by the writer last fall. Space on the west side will be used for frames as the plants need more room.

The winter has been remarkably mild, a typical Colorado winter. Hardy roses have wintered well without cover; tea roses are green near the roots; trees have not suffered in the least and our hopes are that a late frost will not injure the fruit buds this year, which are well advanced.

Notes.

A visit to Mr. Walters' greenhouses, at Harmon, disclosed the fact that he is growing about 3,000 dozen of lettuce, which is in good shape except some Denver Market and Cincinnati, which appear to burn under glass when near maturity. Parsley is growing luxuriantly and this one crop alone pays for the help, as Mr. Walters quotes. Cauliflower has just been planted; radishes fit to pull; tomatoes in bloom and with half ripened fruit. Last fall Mr. Walters added a small pavilion-conservatory, where he keeps flowering plants for show. In all he operates about 25,000 feet of glass.

Daniels & Fisher expect to spend about \$3,000 in rebuilding their houses at Mud Lake. Their Red Leaf conservatory (formerly Givins' place) is in fine shape. Al Seipp, who is attending to the latter place, reports Jubilee carnation as fine as he ever saw it and is in high glee over the other varieties of carnations as well as the palms, ferns, etc., all of which are in excellent condition.

Oliver Wheatly, of the Curtis Park Floral Co., reports a big order for funeral designs. Mr. Wheatly believes in expansion—he weighs about 225 pounds. F. A. HAENSELMAN.

SOCIETY OF AMERICAN FLORISTS.

Plant Registration.

C. H. Gerbig registers geranium A. N. Gerbig, single zonal. Flowers bright apricot salmon, shaded much deeper towards center, with distinct white eye; truss large; foliage deep green, with dark zone; growth strong and compact.

Lager & Hurrell register Cattleya Trianae, Nettie Martin. Flowers of medium size and well balanced; sepals and petals light lilac; lip very large and open, somewhat flattened; throat with a large blotch of straw buff color, encircled with a broad band of lilac.

Chatterton Warburton registers new carnation "Cressbrook," a seedling from Mrs. G. M. Bradt x William Scott. Color, bright pink; size of flower, three to three and one-half inches; stem strong and wiry; plant a strong grower, ready rooter, and having no surplus foliage.

WM. J. STEWART, Secretary.

CATALOGUES RECEIVED.

Samuel C. Moon, Morrisville, Pa., wholesale trade list; John H. Dunlop, Toronto, Ontario, catalogue of roses and carnations; Harkett's Floral Nursery, Dubuque, Iowa, plants, bulbs, seeds, etc.; Edward Gillett, Southwick, Mass., hardy ferns and flowers, shrubs, roses, etc.; J. M. Lamb, Fayetteville, N. C., trees, shrubs, roses, bulbs, etc.; John D. Imlay, Zanesville, Ohio, choice seeds and plants; Chas. Black, Hightstown, N. J., fruit trees and small fruits; The W. H. Moon Co., Morrisville, Pa., deciduous and evergreen trees, hedging, flowering shrubs, hardy garden roses, etc.

PRIZE CARNATIONS.

At the spring exhibition of the Massachusetts Horticultural Society, Boston, carnations from the Briarcliff Greenhouses, illustrated in our last issue, were entered in five classes, and won first premium in each. The varieties were Mrs. G. M. Bradt, G. H. Crane, White Cloud, Gold Nugget and Mrs. James Dean.

DENVER, COLO.

On March 20th the bowling club rolled the following scores:

	1st.	2nd.	3rd.	Av.
A. E. Mauff.....	112	243	183	179
Ed. Emerich	182	151	190	174
Chas. Thless	193	194	124	170
A. M. Lewis.....	160	166	165	164
John Berry	122	192	157	
M. Bloy	141	122	123	129
A. N. Benson.....	100	160	92	126
J. A. Valentine.....	88	153	115	119
Geo. Zimmer	123	105	112	113
Sam. Lundy				

J. B.

CROMWELL, CONN.—Chas. A. Olson, an employe of A. N. Pierson, was married March 3.

CHICAGO.**The Market.**

The supply of roses has considerably increased and only superior shipping stock will bring quotations, the remainder going to the fakir, and the weather has of late been rather unfavorable for the operations of the street men. However, there is a splendid shipping demand for the season. Prices range from \$4 to \$8.

Of white carnations there are not nearly enough to meet demands, and prices are very firm. Good grades of colored sorts are also moving well, but at figures a shade lower than the whites. Fancy, \$3 to \$4, with an occasional sale at \$5. Good commons, \$1.50 to \$2.50. Poor grade colored go to the fakirs, but at very fair prices, considering quality.

Lilies are moving very freely, possibly partly due to the shortage of white carnations, and general bulb stuff is going better.

Violets are still in the dumps and most sales have to be forced. Formerly, when the thermometer was above 32 degrees violets could always be moved to advantage at this season. Nevertheless the violet grower has made a better average than ever during the season.

The dark sorts, such as Farquhar and Marie Louise, bring a third more in price than the lighter ones, such as Campbell, all through the season. Still some growers find Campbell the most profitable, for it begins blooming earlier in the fall and can be thrown out by Easter to make way for bedding stock.

The supply of everything is large for the season, but the unusually good demand takes care of most everything, and it would appear that the long promised prosperity has at last reached the florist.

As regards supply for Easter, Walter Heffron, manager for E. C. Ameling, thinks it will be about right, with probably less roses than at present and more carnations, as the weather we are now having is bringing out roses faster than the carnations.

Bassett & Washburn say their roses are just coming in crop again and they expect to have a good supply for Easter with rather a shortage of carnations. They fear also a shortage of lilies. Their trade during Lent has been much the best in their whole business experience.

Kennicott Bros. Co. look for a good supply in all lines and anticipate a record breaking trade. They also report the best business they ever knew during Lent and find their March business ahead of last year, even with Easter out and still to come. Fine pansies that went quickly last year move rather slowly this spring.

Peter Reinberg, Wietor Bros. and the other large growers have all largely increased their cut of roses.

Various Items.

Weiland & Risch have their wholesale store at 59 Wabash avenue fitted up and are about ready for business.

S. S. Skidelsky, Philadelphia, is in town.

Beginning next Monday the price of coal from the Illinois mines will be advanced 25 per cent.

Mr. and Mrs. O. P. Bassett left last Saturday for a ten days' sojourn at West Baden, Ind.

Mr. H. S. Harman, representing E. H. Hunt, started last Monday on a trip through western territory. This house reports business first class in every department.

Kennicott Bros. Co. are receiving out-door grown Trumpet Major narcissus from southern Illinois.

McKellar & Winterson are carrying a very complete line of ribbons and crepe paper for Easter demands and are doing a heavy business in each of their thousand and one departments.

Bowling.

In response to an invitation from President Hartshorne, of the Florists' Club, the bowlers took the 6:30 Rock Island train for Joliet last Saturday evening to try their skill with that of a team selected from among the attaches of the Chicago Carnation Company in a friendly bowling match. On the way down Captain E. F. Winterson purchased the dining car and presented it and its contents to his fellow pilgrims, and when Joliet was reached there was little left except a few hot boxes. The car was cut off the train there and they were still enjoying the remains when Mr. Hartshorne entered and said: "Come on, boys; everything in Joliet is yours. See my star! Everyone that comes here don't have that kind of a pass!"

After lining up and calling the roll the boys marched up the middle of the street, sidewalks being too small for the crowd, and found that Mr. Hartshorne had rented a fine set of alleys for the night. Here three hot games were played, the Chicago team winning out "by the skin of their feet," for the C. C. Co. had a strong team, one Savage member passing the 200 mark. Following are the scores:

CHICAGO FLORISTS' CLUB.

E. F. Winterson.....	134	137	137
Jno. Degnan	157	138	157
Geo. Stollery	116	128	182
F. Stollery	151	136	119
W. Kreitling	160	129	151
C. Hughes	106	142	149

CHICAGO CARNATION CO.

Savage	168	210	159
Hartshorne	136	127	165
Timme	102	146	117
Hucke	124	111	97
Jackson	120	115	111
McMahon	113	122	118

After the games the Joliet boys took the visitors to a lodge room that had been prepared for the occasion with plenty to eat and drink, and here the time was pleasantly spent till train time, splendid entertainment being supplied by local musical talent.

"Jackson's Dope" will be long carried in the memory of the visitors, but in memory only. Mr. Hartshorne sang one of his fetching songs and Mr. Baker brought melody from the piano. "Walter Kreitling was in his prime and his stories were sublime." And Mr. Degnan's song, "General Jackson Had an Army," was done to a turn. Ed. Winterson did a double twist on the sidewalk and nearly broke a slab. In addition to those who bowled the party included L. H. Winterson and Mr. Scott.

At 5:30 a. m. the party took the train for Chicago, after having voted the Joliet boys a team of jolly good fellows, and at 7 a. m. were home. For what happened on the train ask Walter Kreitling.

BUFFALO.

Chilly, blustering weather continues throughout the month, but it is tapering off slowly, and if surely we will be satisfied. We will take anything we get now, but oh! pray let it be warm and balmy from the 10th to 16th of April!

Some sure signs of spring are noticeable. The first robin was heard by the writer on the 24th, but that's not infallible. Neither is the foreign and domestic drummer in considerable quantities, because both will survive a severe chill or frost. The street piano and hand organ is as sure a sign as any and as I listen to a rather superior article of the former grinding out the overture to the opera of "Martha," or "Mary Anne," from the seventh story of the Ellicott Square, with a bright, clear sky and a lovely view of a very miscellaneous wash from some poor tenements across the street, with the long Niagara street leading out beyond your vision and the help of steam heat in your office, you can really believe that spring is coming.

Judging from the way flowers are cleaned up at the wholesale mart of W. F. Kasting, business generally must be quite fair. Mr. K. receives daily great quantities of carnations from many surrounding points, but they are all cleaned up by night. Violets are sadly overdone. This enterprising young man has put in a bid for the shrubs, plants, bulbs, etc., wanted by the Pan-American Company for the embellishment of the grounds, and as his offerings represent the very best firms in the country, I hope he will be successful.

There is beginning to be a lively inquiry for Easter plants, for there is no reason to doubt but what plants will be the leading article at this great flower festival, as it has increasingly been for several years past. From present reports lilies will be decidedly scarce. The disease is to blame. There will be a great quantity of Rambler roses. The great majority of them are very poor in quality. We hear that with many the most of the azaleas are

gone, so those that have a good supply of attractive plants are in shape to realize good prices.

Mr. Cowell paid us a visit on his return from the Everglades. With due precaution he escaped or overcame all snake bites, both of the Florida and Spanish reptiles. He procured what he went for, some fine specimens of the Palmetto and other palms, which will in course of time adorn the magnificent conservatories of South Park.

Mr. C. F. Christenson, who is just about to start on the erection of six new houses on upper Main street, one mile northeast of the city line, took a flying visit to New York, and, chaperoned by Charles Weathered, visited the leading places. If you have only the leisure to listen, he is able to describe the places of Mr. Ernst Asmus and Messrs. Dailledouze from the stoke holes to their ridge pieces, with all their contents. "My dear boy, I was there four hours, and three of us had twenty bottles of beer," and so this gurgling, bubbling discourse goes on. Memories that were impressed on the cranial nerves through that liquid medium are set free by the same agency, and in his description of "666" or Mrs. Bradt you almost get the flavor of hops.

Several gentlemen of note have passed through of late, chief among them being Mr. J. Austin Shaw, whom it is a great pleasure to see entirely recovered from his sad accident at Detroit; Mr. Killen, of New York; Mr. Van Waveren, representing Segers Bros., and several others. W. S.

ST. LOUIS.

Market Conditions.

There is little change in the cut flower market, except that the stock on hand is considerably larger than it has been for some time, and lots of it has accumulated in the commission houses. A few good shipping orders the latter part of the week made some room in the ice boxes of the wholesalers.

Roses are a glut just now and the quality is very good. Carnations are still short in supply and the demand for this flower seems greater than ever before. Bulb stock is also in good shape, but only fair in demand. Valley very fine. Kuehn made a shipment last week of 1,000 of the finest ever seen in this market. Violets have seen their best days. They are small, but plenty of them are coming in yet from both local and southern growers.

The weather continues warm and spring-like and the plant shipping trade has commenced to boom.

Easter stock seems in good shape all along the line and from appearances there will be plenty of it at all the growers'.

Extra fine Beauties bring \$4 per dozen; others from \$1 up to \$3. They are not overplentiful, though more are coming in now than for some time. Other roses, such as Meteors, Brides

and Maids, are very fine, and bring from \$2 to \$6. Meteors, especially, are very plentiful. Perles and Woottons sell at from \$2 to \$4, but are not so plentiful as the other varieties. Carnations are in good demand and all varieties bring from \$1.50 to \$2. Some fancy stock sold for \$3 and \$4. The market has not been overstocked with this flower since the first of the year. Bulb stuff is quite plentiful. Harrisii and callas sell from \$10 to \$12.50; tulips, \$2 to \$4; valley, \$4 to \$6; Romans and paper whites, from \$2 to \$3; Dutch hyacinths, \$3 to \$4; freesia, \$2, and Daffs, \$3 and \$4. Violets are selling slowly, with plenty of them on hand. Californias sold as low as 25 cents per 100; small single and southern stock, any old price. Sweet peas are fine and not too many in yet; \$2 and \$3 is the price. Smilax is a little scarce this week; price from \$10 to \$12.50 per 100 strings.

Notes.

Visitors in town were Walter Mott, representing H. A. Dreer, Philadelphia. Walter always does a big business in this city, as he is very popular with the St. Louis trade. Henry Emundt and E. W. Guy, of Bellville, spent a day with us the past week. Mr. Emundt reports a nice lot of Harrisii for Easter, and Mr. Guy a fine lot of Astilbe japonica also for Easter trade.

The St. Louis public parks will be without the usual music this summer, as the appropriations are too small, and about the only one that will have music will be Tower Grove park, as under the terms of the will of the late Henry Shaw the city is required to expend \$25,000 annually on this park. It has been the custom of the trustees to pay for music out of this fund, which can not be diverted, even for the sake of making political capital out of it.

Hudson & Co., our new wholesale firm, received some very fine carnations the past week, which sold on sight.

Kuehn and Berning both report a very good shipping trade, with plenty of stock of all kinds on hand for a heavy demand. Their stock is all of the very best quality.

C. C. Sanders reports that he is very busy now with tree planting, with plenty of orders to keep all hands busy for some time to come.

The regular meeting of the club will take place Thursday afternoon, April 12, at 3 o'clock. President Ammann would like to have all members present. Those who have not made returns for tickets for our late euchre can do so at this meeting, as the committee would like to make a final report.

"Easter Plants" will be the subject for discussion at this meeting, in which all local growers will take part.

Bowling.

The members of the bowling club rolled six games on Monday night. Five members were present and some fine rolling was done.

The busy season with the growers is now on and not until after the spring trade is over can we expect a full attendance. The scores made were as follow:

	1	2	3	4	5	6	tot.	av.
J. J. Beneke....	154	158	159	222	159	178	1030	172
C. A. Kuehn....	134	188	144	193	138	180	977	163
F. C. Weber....	136	123	134	135	140	159	827	138
John Young	89	119	149	122	142	621	124	
Emil Schray ...	109	91	98	173	123	120	714	119

Visitors in town this week were C. L. Brunson, of Paducah, Ky., and Charles Ford, representing A. Herrmann, New York.

The March scores of the St. Louis Florists' Bowling Club ended last Monday night. Twenty games were played.

	N.G	Tot.	Av.	H.S.
C. C. Sanders	5	801	160	194
C. A. Kuehn.....	20	3152	157½	192
J. J. Beneke.....	20	3123	156	222
F. C. Weber.....	18	2466	137	167
John Kunz	9	1224	136	162
John Young	12	1499	125	195
Emil Schray	6	714	119	173
F. J. Fillmore	9	934	104	123

J. J. B.

PHILADELPHIA.

The Market.

Trade remains about the same, always a little something doing, and a rushing business is expected for Easter.

Prices: American Beauties, \$1 to \$6 per dozen; Brides, Maids, Kaiserins, Meteors and Golden Gate, \$4 to \$10; Liberty, \$10 to \$25; Morgans, \$4 to \$8; Perles, \$3 to \$6; Gontiers, \$3 to \$4. Carnations, ordinary \$1.50, fancy \$2 to \$4; hyacinths, \$2 to \$4; valley, \$3 to \$4; cattleyas, \$40 to \$60; dendrobiums, \$25 to \$35; mignonette, \$3; sweet peas, \$1.50 to \$2.50; tulips, \$2 to \$4; callas, \$8 to \$10.

Notes.

A number of the department stores are having their annual spring sales of plants, bulbs, etc., and are offering stock at ridiculously low prices.

Albert Woltemate is again in the market with some fine Phlox divaricata. There should be more of this plant grown, as it makes an excellent plant for Easter.

J. Kohler & Sons, Main and Bridge streets, Frankford, are sending in some very fine miniature hyacinths, in pots, which sell readily at \$1, and tulips, in flats, which are disposed of at a good profit.

There is some fine North Carolina arbutus in the market.

Our visitors the past week were Geo. A. Smith, Baltimore; Benjamin Duffee, Washington; Mrs. Macklin, Harrisburg, Pa.; Mr. Smith, of Smith & Feters, Cleveland; W. A. Knott, Cape May, N. J.; Charles E. Sparks, Wilmington, Del.; George Cook, of Small & Sons, Washington.

The Spring Show.

The Pennsylvania Horticultural Society gave their annual spring show from March 20 to 23. While the entries were not so numerous, the quality made up for it. The bulbous plants

were in fine shape and so nearly equal in quality that the judges found it rather difficult in making their decision. The following were the principal exhibitors in bulbous plants: Joseph Hosley, Joseph McGregor and John McCleary. The first and second prizes were evenly distributed.

The classes for cinerarias brought out twelve exhibits. George Graham, gardener to Charles Hartshorne, captured first prize; J. H. Jones, second. Both exhibits consisted of very fine plants.

George W. Brown took first prize for genistas; Joseph Hosley, second.

John Hobson took first on six plants of azaleas; John McCleary first for single specimen.

Wm. Robinson came off with first honors for callas.

Thomas Long, gardener to G. W. Childs Drexel, carried off the honors for specimen ferns. These were exceptionally fine.

Joseph McGregor's exhibit of geraniums was the feature of the show, carrying off first for six plants, first for specimen, and also first for six new varieties.

G. W. Brown exhibit a fine specimen plant of *Bougainvillea glabra* Sanderiana, for which he was awarded a certificate for culture.

Joseph Hosley staged a large group of flowering plants consisting of cinerarias, Marguerites, begonias and abutilons, and got a certificate for culture.

The competition in cut roses was very keen. The class for twenty-five long-stemmed Beauties brought out seven entries. Myers & Samtman, first; Joseph Heacock, second. The other competitors were John Burton, L. Pennock, Adolph Farenwalt and George Anderson. The contest was so close that it took some time for the judges to decide. Joseph Beavis was first on Bridesmaids and Brides; John Burton was first on Meteor; Joseph Heacock, second. Robert Scott & Son secured a silver medal for Liberty and the certificate of the society for their new rose Robert Scott, which is a hybrid tea.

The show was a little too early for *Lilium Harrisii*. There were only two exhibitors. Joseph McGregor was awarded first prize for the best specimen; Joseph Hosley first for best six.
R.

BOSTON.

Market Conditions.

Trade in anything that could be utilized in funeral work has been remarkably brisk, caused by the ravages of the grip.

Carnations are scarce, prices readily advanced to 4 cents on good ordinary kinds. Prices on other lines were nominal; perhaps lower on strictly red goods. Small white flowers very scarce at times during the week. Violets even seemed to feel the spirit of the times

and sold better by spells. The demand for larger grades of roses was limited the greater part of the time; for smaller grades the demand was never stronger for the same length of time.

Notes.

No special excitement can be chronicled outside a Jewish interpretation of Marquis of Queensbury rules, in the Park street market, which had to be referred to the judge for settlement.

Too recently for particulars comes news of the burning of Mr. Richwagen's greenhouses at Woburn. But as they were badly situated in respect to water to fight the flames, heavy damages are feared.

James Galvin is employed at J. W. Newman & Sons'.

The spring exhibition at Horticultural Hall was one of the most interesting ever given, but your correspondent's limited time, knowledge of the subject and proper vernacular for its expression prevents justice to it for your columns as far as commercial value of new specimens might go.

A number of well known commercial growers came in upon the premium list, those in mind just now being W. H. Elliott, W. S. Ewell, J. W. Howard, M. A. Patten, M. R. Cushing, E. N. Peirce & Sons, and I probably deserve forgiveness for forgetting one or two.

P. Welch and wife, Alex. and Robert Montgomery, E. M. Wood and daughter and F. R. Mathison and wife, are attending the flower show in New York.
B. T.

BALTIMORE.

Personal and Trade Notes.

Mr. J. H. Brummel, near Catonsville, has been ill for ten days with erysipelas, but is out again and at work. We often hear of "the scholar in politics," and this gentleman's position is one analogous—he is the scholar in floriculture. Not only in the science of botany and in the art of horticulture, but as an all around man of learning he is distinguished in the trade as a walking encyclopedia. It is no disparagement, indeed, to his fellow craftsmen to assert that, since the death of the lamented Wm. D. Brackenridge, he is about the only one in the business here thoroughly informed in systemic and structural botany. For practical knowledge of the flora of this region his experience is singular, and the botany classes of the Johns Hopkins University and the Tramping Clubs of our city often avail of his services as a guide to the localities of the scarcer genera and varieties. He can locate with his finger on the map and lead to the spot where every rare plant has its habitat. No steamer of the regular lines, or tramp roamer of the seas from Europe or the antipodes, brings to our port in cargo or ballast a plant, useful or noxious, but he is quick to spot the stranger. Nor does he know plants only by appearance and

name; of every one possessing economic or medicinal qualities, he is fully informed as to locality, uses and treatment. A year or two ago, when the American Pharmaceutical Association met in this city, he collected, arranged and labeled with great foresight, labor and care an exhibit which was almost complete, as it was certainly unique, of the plants of this section employed in medicine and the arts.

Mr. Brummel was long employed in the United States Department of Agriculture at Washington, and when President Grant sent the commission to examine and report upon the resources of San Domingo, he was appointed botanist on the staff and made a thorough exploration of that island.

But it must not be thought that it is only on horticultural and botanical subjects that he is posted, for he is well read in the whole range of science, possesses a fine library of reference, and keeps steadily up to the day in the great procession of discoveries in the sciences and inventions in the arts, but especially, as is natural, in those pertaining to his chosen pursuit of gardening.

Mr. Brummel has been engaged for many years in the florists' business, with a local market at his greenhouses on the Frederick road and a stand in one of our principal markets. At his place may always be found some curious and rare things not apt to be seen at other establishments where commercial aspects only are considered. In the market he is the universal arbiter as to what is good or poor, hardy or tender, and is appealed to to settle every question which comes up amongst the hundreds of frequenters of the flower stalls as to treatment of plants of every kind.

Physically he is a fine specimen of robust manhood, with an aptitude and capacity still for all-day walks, over hill and dale, and along the shores of river and bay. With unflagging enthusiasm, a well-spring of information that never goes dry, and an ever-present spice of humor and good stories which is unfailing, in any assemblage he is an agreeable and profitable companion.

Mr. James Pentland, the venerable senior of our florists' trade, has been lately seen in a new role; he has been for some two weeks posing for his bust before the pupils of the Rinehart School of Sculpture. He is a prominent member of the committee on schools of art and design of the Maryland Institute, which manages this school of sculpture, and was requested by the director to give the students an opportunity to model his life-size portrait in clay, his strong face and patriarchal appearance peculiarly fitting him for this. Mr. P. bears a remarkable resemblance to the portraits of General Andrew Jackson, and amongst his intimates is frequently saluted by that name. Some of the work of the sculptors is said to be exceedingly lifelike and artistic, and it

will shortly be exhibited to the public. To the most meritorious work will be awarded a prize of \$125 and to the second best \$75.

We have a "little Scotland" localized on the Old York road, a thriving annex of the city, where several florists of the thrifty Scotch race are hewing their way to fame and fortune—especially fortune! William Christie is the wit of the trade. He is not continually getting off, nor trying to get off, smart sayings and funny stories, but once in a while one slips out, unexpected—like, which brings down the house with a roar. Back of his droll sayings he has shrewd, hard sense, which gives effect to his fun. He is a wholesaler and retailer; grows roses, callas, bedding plants, bulbous stuff, carnations and chrysanthemums; is always busy, always cheerful, makes the best of his opportunities and seems to be succeeding in his remodeled and improved place, as he deserves to do, by industry, Scotch grit and keeping at it.

For general capacity, sound judgment, candor of expression and honest repartee, none in the trade stands higher than Robert L. Graham. From modest beginnings he has forged along, building each year a new house or two, and almost swearing he will never build another, until he has now an establishment crowded with plants for cut flowers, Easter stuff and bedding out, which gives him all he wants to do on fast days and feast days, his store on Monument street, in the city, presided over by Mrs. Graham, a splendid example of the woman of business, taste and tact, making a good outlet for its products. In the Gardeners' Club there is no more forceful, logical speaker, and when he speaks he says something. He served as its president and is esteemed by the entire membership. If there is any one thing we have against him, it is his big red mustache, more suitable to a fierce operatic brigand than a peaceful, even-tempered blue Scotch Presbyterian like Brother Graham.

Thomas L. Patterson is another of the same settlement and the same blood. He comes of gardeners' stock, is acute, active and long-headed; produces good stuff and knows how to get rid of it. Just now his head is full of Easter anticipations, and he has the clock set just right to bring in the stuff at the moment when it will be best conditioned and most profitable, roses, hydrangeas, lilies, bulbs, all being in good shape. He has been making alterations on his place, and proposes further changes and improvements this season. He is not at all likely to fall behind the procession!

Another neighbor is Philip B. Welsh. We will not say he is a Scotchman—if he spelt it with an "a" we would assign him to another nationality! He is a hustler and is building up a fine business. Calling on Mr. Welsh a year or two ago, just before Easter, or some other occasion, when plants and flow-

ers would be in demand, we found his greenhouses full, his stable and wagon shed full, and we are not sure that in the parlor of his dwelling the piano and center table were not loaded up with stock awaiting the day which, after patience and labor, expenditure of skill, intelligence and coal, was to convert them into cash. This determination to turn all things to account in his business points to this young man's success. At this time, notwithstanding his enforced absence from his work from illness, as heretofore noted, his azaleas, lilies, geraniums, hydrangeas and Dutch bulbs are giving promise of satisfactory Easter returns. Mr. Welsh, in conjunction with John J. Perry, has a store on a prominent corner of Gay street.

On the same road, near by, is the one woman florist, so far as your correspondent knows, in this vicinity—Mrs. Roche. This lady has a practical acquaintance with the business and has recently rebuilt and extended her premises.

It is reported that the contemplated building of several large greenhouses for producing cut flowers for commercial purposes by Mr. Harry A. Parr, a wealthy business man of this city, has been abandoned.

Charles M. Wagner has been given a place as plant grower in the conservatory at Druid Hill Park.

George C. Personette, of North Gay street, who has acquired the Stewart place on Sinclair's Lane, is completing an unfinished greenhouse thereon and will at once build another and plant in roses and other stock for use at his store.

Mr. Benjamin Durfee, of the American Rose Co., of Washington, D. C., was in town a few days ago and reported trade booming at the capital. He took home with him a handsome bunch of the Akehursts' splendid seedling carnation Elsie Akehurst, of a brilliant color between cardinal and bright maroon.

The market for the week up to time of writing (March 26) has slackened off. Roses have been fully up to demand and some days in surplus, with the natural result that prices have declined somewhat. There is no oversupply of carnations; at times good ones have been short. RIX.

NEW YORK.

The New York plant market opened on Saturday, March 24. Thirty-six growers engaged stands inside the old Clinton market and it is hoped that as many more will decide to do likewise early in the season. There's no use standing out in the rain and cold when it is cheaper and better to get inside.

The greatest enthusiasm is being shown anent convention matters. The sports got an extra spurt by the Lord & Burnham Company offering a \$100 trophy to the most successful bowling club at the national tournament here next August. So get your clubs in condition. J. I. D.

GROWERS Give Your Boys a Chance to Earn Pln Money by Selling TOBACCO WHALE OIL SOAP and TOBACCO DUST

during their leisure moments. Have them send for my sample outfit, postage prepaid. A bicycle in addition to a commission to boy selling largest quantity of Tobacco Whale Oil Soap by July 1st. If he does not want a bicycle, I will give him his choice of any article that can be purchased for \$25.00. Should a tie occur the prize will be divided equally. Winner's name in this paper first week in July.

H. A. STOOHOFF, 116 West St., N. Y. City.

Mention The Review when you write.



DAHLIAS BY THE THOUSANDS. Do you want the finest novelties, or are the older tested ones good enough? I have both, and they have taken the highest national honors. Am also headquarters for Cannas, Gladiolus and Paeonies. Write for catalogue and prices. W. W. WILMORE, Dahlia Specialist, DENVER, Colo. Box 382.

Mention The Review when you write.

EASTER PLANTS

Azaleas from 50c to \$6.00 each.
Erica Heather, \$12.00 to \$15.00 per doz., in perfect bloom, in three varieties.
Erica cupressina, \$2.00 to \$2.50 each.
Lilies, 10c and 12c by the 1000 per bud.
Metrosideros from \$1.00 to \$5.00 each.
Lilac, \$15, \$18 and \$24 per doz., in variety.
Cash with order.

ANTON SCHULTHEIS,

P. O. Box 78, College Point, NEW YORK CITY.

Mention The Review when you write.

Headquarters for FANCY and DAGGER FERNS.
CROWL FERN CO.
Order now and be sure of your stock for balance of season.
Fine Line of GALAX LEAVES.
CROWL FERN CO., - MILLINGTON, MASS.
Mention The Review when you write.

EDWARD B. JACKSON, Wholesale Florist.

HARDY HERBACEOUS PLANTS ONLY.

In any quantity for the least money.

STAMFORD, CONN.

Mention The Review when you write.

Rooted Cuttings. USUAL PRICES.

Coleus, Verschaffeltii, Golden Queen, Mixed, Heliotrope, Double Petunias, Salvia, etc. Alternanthera, four kinds. **L. H. FOSTER,**
45 King St., Dorchester, Mass.

Mention The Review when you write.

GRAND RAPIDS, MICH.

There has been plenty of funeral work which has kept all kinds of salable stock from accumulating. The Shaw funeral was a record breaker for the quantity of flowers used. American Beauties were lavishly used, in addition to set pieces. Henry Smith and The Floral Co. had the large orders.

One of the most elaborate weddings of the season was that of the Amberg-May wedding on the 14th. There were 21,000 pink and white roses used, besides large quantities of asparagus, wild smilax, laurel, plants, etc. Crabb & Hunter had the order and were compelled to get most of the material from Chicago, flowers being so scarce in the home market.

The effect of Lent is not as yet noticeable as trade still continues good, in spite of the warm days which bring flowers out fast. What we will have for Easter is now troubling us. Carnations promise to be scarce, particularly white and red, and rose, too, will be in short supply.

To make up for this there will be plenty of bulb stock, azaleas, flowering shrubs, pot roses, even to a fine stock of Crimson Ramblers and while Harrisii are a failure there will be enough longifloriums to meet the demands of the Easter trade.

Recent visitors were A. L. Vaughan, Chicago; A. Boddington, New York, and G. Kroschell and Herman Vlasveld, of Holland.

A. W. Tweedle, Cadillac, Mich., who has been in town, reports an excellent trade and that he is going to move to new quarters this summer and build new houses. GEO. F. CRABB.

DES MOINES, IOWA.

Last Monday evening the downtown store and conservatory of Alfred G. Lozier was completely destroyed by fire. Loss \$2,000 and insurance of \$500.

That misfortunes never come singly is again demonstrated, as I. W. Lozier, manager of the downtown establishment, has barely recovered from an all winter's illness.

Both Mr. Lozier and his son have the sympathy of all in their misfortune. E.

COLUMBUS, NEB.—A 400-acre farm just west of the village of Munroe has been purchased by George Emerson, of the Western Seed and Irrigation Company. Three of the Emerson brothers will settle here. Contracts are being made with farmers and it is proposed to grow several thousand acres of seeds.

ALBANY, N. Y.—The firm of Goldring Bros. has been dissolved. Hereafter Mr. Frederick Goldring will have the greenhouse establishment at Slingerlands, and Mr. Samuel Goldring will continue the retail business in this city.

R. C. Carnations. Closing Out Prices.

	Per 100
Mrs. Thos. W. Lawson.....	\$12.00
Olympia.....	12.00
Genevieve Lord.....	9.00
John Young.....	1.00
White Cloud.....	2.00
Mrs. Bradt.....	3.00
Gold Nugget.....	2.00
Argyle.....	.75
Armazindy.....	.75
Flora Hill.....	1.00
America.....	3.00
Melba.....	2.00
Glacier.....	2.50
Maud Adams.....	2.00
Empress.....	.75

	Per 100
Psyche.....	\$.75
Mary Wood.....	3.00
Morning Glory, light pink.....	6.00

Unrooted Carnation Cuttings.

G. H. Crane, side cuttings, fine.....	2.00
Glacier.....	1.50
Mrs. G. Bradt.....	1.50
Melba.....	1.50
Gold Nugget.....	1.00
Flora Hill.....	.50
Mary Wood.....	1.50
White Cloud.....	1.00
America.....	1.75

Above Unrooted Cuttings prepaid by mail.

PLANTS--ALL GOOD STOCK.

	Per 100
Geranium De Roo Mitting.....2½-inch.....	\$7.00
" Double Snow Drop .. "	7.00
" Mme. Salleron..... "	2.00
" Named, our selection only, 2½-in.	2.00
New Yellow Baby Primrose, in full bloom, 2½-in.....	7.00
Salvia Clara Bedman..... 2½-in.....	1.50
Coleus, named..... "	1.50
Petunias, double, mixed, fine, "	2.00
" " 8-in..... "	3.00
Primula Obconica, in bloom, 3½-in.....	3.00
" Chinese, "	2.50
" " 2½-in..... "	1.00

	Per 100
Primula Chinese, from flats.....	\$.50
Begonias, flowering, 12 named, var., 2½-in....	1.50
Forget-Me-Not, winter flowering, "	1.50
Iresines, red and yellow..... "	1.50
Mesembryanthemum, basket plant, "	1.50
California Moss..... "	1.50
Lobelia, Crystal Palace Gem..... "	1.50
Feverfew, Little Gem..... "	1.50
" yellow foliage..... "	1.50
Cigar Plant..... "	1.50
Abutilon, mixed..... "	1.50
Roses; Bride, Bridesmaid and Perle, "	2.00

THE MORRIS FLORAL CO., Morris, Ill.

Mention The Review when you write.

Begonia Caledonia The White Lorraine

We are now booking orders for
Fall Delivery.

Plants from 3-½ inch pots,
\$5.00 each.

R. & J. FARQUHAR & CO.

16 and 19 South Market St.,
BOSTON, MASS.

Mention The Review when you write.

PETUNIA PINK PERFECTION

A sterling novelty for 1900. Has stood the test as a pot plant or a bedder; it has no equal. Color shell pink, very double and large size, equal to any rose. Always full of blooms, and dwarf in habit, making it a valuable pot plant. Is admired by all who have seen it.

Orders booked for delivery in rotation. Strong plants from 2½-inch pots, per doz., \$2.00; per 100, \$12.00. Cash must accompany all orders. Originators:—

E. BANYARD & SON, - Clementon, N. J.
Mention The Review when you write.

MARIE LOUISE VIOLETS.

10,000 strong rooted cuttings from sand, clean and in fine condition. If not satisfactory, pack carefully and return them to me and your money will be cheerfully refunded. These cuttings were intended for my own use, but got no room, so they must go, and those who get them will be well pleased. The above cuttings I will sell at \$10 per 1000. Also got rooted Runners for \$6 per 1000. Cash, please.

C. LAURITZEN,
Rhinebeck on the Hudson, N. Y.

Mention The Review when you write.



Trade List
now ready

5000

Each of the Following:

DAHLIAS. Whole roots, fine assortment at \$60.00 per M.

WICHUARIANA ROSES. 1 and 2 years, \$50.00 and \$75.00 per M.

ROSA MULTIFLORA JAPONICA. 2 and 3 yrs., \$50 and \$75 per M.

ROSA RUGOSA. 3 to 4 feet, at \$250.00 per M.

HALL'S HONEYSUCKLE. Strong, \$50.00 per M.

CLEMATIS PANICULATA. Pot grown, \$60.00 per M.

Clematis Paniculata. 2 yrs. field grown, \$90.00 per M.

The Wm. H. Moon Co.
Morrisville, Pr.

Mention The Review when you write.

CYCLAMEN

2½-in. and 3-in. pots, \$5.00 per 100.

Nathan Smith & Son, Adrian, Mich.

Mention The Review when you write.

...MAMMOTH VERBENAS...

Mammoth Verbenas, large rooted plants, 60c per 100, \$4.50 per 1000. Cyclamen, 3-in., \$5.00 per 100. Stocks, white or mixed, double, 2-in., \$1.50 per 100.

Rooted Cuttings—Dble. and single Petunias, mixed, \$1.00 per 100. Lobelia, \$1.00 per 100.

SAMUEL WHITTON, 15-17 Gray Ave.,
UTICA, N. Y.

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E. H. HUNT

THE "OLD RELIABLE" FOR

**Wholesale
Cut Flowers**

Hunt's Flowers Go Everywhere.

76 Wabash Ave. CHICAGO.

Mention The Review when you write.

HARRISVILLE, R. I.—The greenhouses and residence of Moses Wilcox, near Round Top, have been purchased by E. Delporte, of Pascoag.

COLUMBUS, NEB.—The greenhouse of J. H. Kersenbrock was destroyed by fire March 14.

AMSTERDAM, N. Y.—The formal opening of Mr. John C. Hatcher's handsome new store at 50 East Main street took place March 21 and large crowds improved the opportunity to inspect the beautiful display.

BIRMINGHAM, ALA.—Mr. W. H. Mann, president of the Birmingham Trust and Savings Company, has taken the Williamson greenhouses and will go into the business extensively.

GREEN BAY, WIS.—H. Raymaker & Sons are preparing to add new glass to their plant.

FORT WORTH, TEX.—A flower show and parade will be held here April 11 and 12. Several thousand dollars will be expended in decorating floats and vehicles for the parade.

MYSTIC, CONN.—A. F. Young has purchased the greenhouses of Cynthia A. Sisson, of Westerly, and is removing his property to the Old Stonington road, where it is to be rebuilt.

MARSHALLTOWN, IA.—The Riverside Floral Company greenhouses, purchased some time since by J. C. Fenner, will be re-equipped and re-opened about April 1, with F. H. Fenner in charge.

WAUSAU, WIS.—Arrangements are being made for a flower carnival here at the time of the meeting of the Wisconsin State Editorial Association next July.

EVANSVILLE, IND.—Joseph Lane Cox, the nurseryman, died recently, aged 49 years. He leaves a widow and five children.

**McKELLAR & WINTERSON'S
Modern Supply House**

is the place to buy your CUT FLOWERS, SUPPLIES, SEEDS, etc. MASSACHUSETTS FANCY FERNS, per M, \$1.50; 5 M lots, \$6.25. Now Ready....CARNATION CUTTINGS, VIOLET PLANTS, FORCING ROSES, YOUNG STOCK OF ALL KINDS.

WESTERN AGENTS FOR

Imperial Plant Food and Fertilizers.

For prices, etc., see our new catalogue.

McKELLAR & WINTERSON, 45-47-49 WABASH AVE., CHICAGO.

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Bassett & Washburn

76 Wabash Ave., CHICAGO, ILL.

Wholesale Growers of and Dealers in **CUT FLOWERS**
Greenhouses at Hinsdale, Ill.

Mention The Review when you write.

PETER REINBERG,Wholesale Grower of **CUT FLOWERS.**

500,000 feet of Glass.

Headquarters for fine AMERICAN BEAUTIES.

51 Wabash Avenue, CHICAGO.

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A. L. RANDALL

Telephone 1496



Wholesale Florist,

4 Washington St., Chicago.

In our new and enlarged quarters we are better prepared than ever to handle your orders.

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WHOLESALE GROWER OF ROSES. DEALER IN CUT FLOWERS.

J. A. BUDLONG,

37-39 Randolph St., CHICAGO, ILL.

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Maplewood Cut Flower and Plant Co. GEO. M. KELLOGG, Pres.

Growers of CUT FLOWERS at Wholesale.

Regular shipping orders given special attention. We have the largest plant west of Chicago.

Store: 906 Grand Ave., KANSAS CITY, MO.
Greenhouses; Pleasant Hill, Mo.

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WIETOR BROS.Wholesale Growers of **Cut Flowers.**

All telegraph and telephone orders given prompt attention.

51 Wabash Avenue, CHICAGO.

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C. A. KUEHN WHOLESALE FLORIST

Cut Flowers and Florists' Supplies.

Manufacturer of the Patent Wire Clamp Floral Designs. A full line of supplies always on hand. Write for catalogue and prices.

1122 PINE STREET, ST. LOUIS, MO.

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**H. Berning**

WHOLESALE FLORIST,

1322 Pine Street, ST. LOUIS, MO.

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ELLISON & TESSON,
WHOLESALE SHIPPING**FLORISTS**

3134 Olive Street, ST. LOUIS, MO.

...Home Grown Stock...

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Cincinnati Cut Flower Co.W. A. MANN.
FRANK W. BALL.416 Walnut St. **Wholesale Florists**
CINCINNATI, O.

Consignments Solicited.
Special Attention Given to Shipping Orders
Mention The Review when you write.

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We are the Oldest, Largest and Most Reliable Cut Flower Commission House in the West.

CUT FLOWER PRICE LIST.

American Beauty, long...	per doz	\$4.00 to \$5.00
" " medium "	"	3.00 to 3.50
" " short "	"	1.00 to 1.50
Bride, Maid, Meteor	Per 100	\$ 4.00 to \$ 7.00
Perles		2.00 to 4.00
Carnations, fancy		3.00 to 4.00
" common		1.50 to 2.50
Callas and Harrisii		10.00 to 12.50
Tulips		2.00 to 3.00
Daffodils		2.00 to 3.00
Violets		.25 to .75
Smilax		10.00 to 15.00
Adiantum		.60 to 1.00

CARNATION CUTTINGS.

	Per 100	Per 1000
G. H. Crane	\$8.00	\$50.00
Mrs. Geo. M. Bradt	5.00	40.00
White Cloud	4.00	30.00
Maceo	6.00	50.00
Gomez	5.00	40.00
Glacier	6.00	50.00
America	5.00	40.00
Gold Nugget	4.00	30.00
Mary Wood	3.00	25.00
Melba	5.00	40.00
New York	3.00	25.00
Mrs. James Dean	3.00	25.00
Mrs. Frances Joost	3.00	25.00

	Per 100	Per 1000
John Young	\$2.50	\$20.00
Cerise Queen	2.50	20.00
Jubilee	2.00	15.00
Flora Hill	2.00	15.00
Mayor Pingree	2.50	20.00
Triumph	2.50	20.00
Daybreak	2.00	15.00
Evelina	2.00	15.00
Wm. Scott	2.00	15.00
Albertini	2.50	20.00
Meteor	2.00	15.00
Argyle	2.00	15.00

Best Stock Always Shipped
Unless Otherwise Ordered.

KENNICOTT BROS. CO., 42-44 E. Randolph St. CHICAGO.

MR. FLINT KENNICOTT, President of the KENNICOTT BROS. COMPANY, can be found at the store every day.

Mention The Review when you write.

"A BIRD IN THE HAND IS WORTH TWO IN THE BUSH."

If fairly well satisfied now where you are buying, stay there; if not, come to us. If we are using you well stay with us—you can do no better elsewhere.

WE SELL CUT FLOWERS -- GOOD FLOWERS.

E. C. AMLING,

WALTER S. HEFFRON, Mgr.

32-34-36 Randolph St., CHICAGO, ILL.

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...SPECIAL... ROOTED CUTTINGS.

Choicest Varieties. Lowest Prices.
Finest Stock.

50,000 Carnations, standards, \$7.50 per 1000. Descriptive list, 25 choicest up-to-date varieties.

Roses, strong, 2½-in., Brides, Meteors, Maids and Perles, \$3.00 per 100; \$30.00 per 1000. Strong rooted cuttings of the same, \$1.50 per 100; \$12.50 per 1000. Elegant stock. Golden Gate and Kaiserin, \$4.00 per 100.

50,000 Verbenas, 20th Century collection, 32 Grand Mammoth varieties, the cream of all the latest and choicest up-to-date, 60c per 100, \$5.00 per 1000.

50,000 Dble. Fringed Petunias, Henderson's and Dreer's latest sorts. We all know that they lead the world. \$1.00 per 100, \$8.00 per 1000. Strong, 2-in., \$2.00 per 100, \$18.00 per 1000.

Alyssum, strong 2-inch, 2 cents.

Geraniums, sweet scented, strong 2½-inch, 2½ cents; strong 2-inch, 2 cents. Mme. Sallerol, strong 2-inch, \$2.00 per 100.

Ageratum, Princess Pauline, the only one to grow, \$1.00 per 100. Extra strong, 2½-inch, full of Cuttings, \$2.50 per 100.

Salvia Splendens, no other so good, \$1.00 per 100. Extra strong, 2½ inch, \$2.00 per 100.

Fuchsias, 6 best sorts, strong rooted cuttings, \$1.50 per 100; \$12.50 per 1000. Black and Purple Prince, strong, 2½-in., 3c; strong, 2-in., 2½c.

Smilax, 2-in., \$1.00 per 100; \$8.00 per 1000.

Lobelia, (trailing) indispensable for baskets, etc., strong, 2-inch, \$2.00; strong rooted cuttings, \$1.00 per 100.

Vincas, strong, 2½-in., Major and Variegata, 3c; strong, 2-in., 2½c.

Cinerarias, extra strong, 2½-in., 3c; 2-in., 2c.

Marguerites, New California Giant White, rooted cuttings, \$1.00 per 100; strong, 2½-in., \$2.50 per 100. New Golden, same price, rooted cuttings and pot plants.

Our wholesale descriptive list of Specialties mailed on application. Terms, strictly cash with order. Small packages by mail.

SOUTH SIDE FLORAL CO., - Springfield, Ill.

Mention The Review when you write.

FINE STOCKY PLANTS

	Per 100
Alternanthera, yellow, \$1.75 per 100; red.....	\$2.00
Oxalis floribunda, 2-in. pot, fine for vases....	2.00
Geraniums, 2 and 2½-in. pot, my selection....	3.00
Coleus, 2-in. pot, good assortment.....	2.00
Verbenas, 2 and 2½-in. pots, good var.....	2.00
Vinca Vines, 2 and 2½-in. pots.....	3.00
Centaurea Gymnocarpa, 2-in. pot, April 1....	2.00
Pansy Plants, in bud.....	1.50
Ageratum, 3 var., 2-in. pot.....	2.00

CASH PLEASE.

JOS. H. CUNNINGHAM. - Delaware, Ohio.

Mention The Review when you write.

BENTHEY & CO.

F. F. BENTHEY, Mgr.

WHOLESALE AND COMMISSION Florists. Consignments Solicited.

41 Randolph St. CHICAGO.

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E. G. Hill & Co.

Wholesale Florists,

RICHMOND, INDIANA.

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PANSIES... WORTH RAISING

Good Plants by express, \$2.50 per 500; \$4.00 per 1000. Seed as usual.

C. SOLTAU & CO., 199 Grant Avenue, JERSEY CITY, N. J.

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GALAX LEAVES.

Chas. H. Ricksecker, Linville, N. C.

Mention The Review when you write.



Verbena King.

Verbenas, rooted cuttings, 60 cts. per 100; \$5.00 per 1000; \$22.00 per 500; 2-inch, fine plants, \$2.00 per 100; \$18.00 per 1000.

AGERATUM—Lady Isabel and Cope's Pet, 60 cts. per 100; \$5.00 per 1000.

DAISIES — California and Yellow Castle, \$1.00 per 100; \$9.00 per 1000; 2-inch, \$2.00 per 100.

CARNATIONS

Flora Hill	\$1.50 per 100; \$14.00 per 1000.
Morello	1.50 " 14.00 "
Mayor Pingree	1.50 " 14.00 "
Daybreak	1.50 " 14.00 "
Wm. Scott	1.00 " 8.00 "
McGowan	1.00 " 8.00 "

HELIOTROPES — 10 best varieties, \$1.00 per 100; \$8.00 per 1000; 2-in., fine plants, \$2.00 per 100; \$18.00 per 1000.

Express paid on all Rooted Cuttings and satisfaction guaranteed for that cash please.

C. HUMFELD, Clay Center, Kan.

Mention The Review when you write.

GERANIUMS...

We have a few thousand fine Bronze Geraniums, stock that we will guarantee good and true to name; if not, money will be returned at once.

The following varieties at \$3.00 per 100; no discounts: — Bronze Bedder, Exquisite, Bismarck, Crystal Palace Gem. Cash with order please.

JOSEPH LAHR & SONS, SPRINGFIELD, Ohio.

Mention The Review when you write.

SAMUEL S. PENNOCK. Wholesale Florist

Until further notice, will be open from
6:00 a. m., to 11.00 p. m.

American Beauties and Valley Our Specialties. 1612-14-16-18 Ludlow St., Philadelphia, Pa.
Mention The Review when you write.

SEED CONTRACT AWARDED.

Washington, March 19. — Secretary Wilson today awarded the contract for supplying the United States Department of Agriculture with garden, field and flower seed for the year 1901 to the New York Market Garden Association of New York, at its bid of \$68,874. The other bidders were the Ullathorne Seed Company, of Memphis, Tenn., \$67,500; Charles Parker, Santa Clara, Cal., \$75,000; the Henry Phillips Seed and Implement Company, Toledo, O., \$77,696; J. M. Thorburn & Co., New York, \$94,098, and Oscar H. Will & Co., Bismarck, N. D., \$134,504. The bid of the Ullathorne Seed Company was withdrawn, and the award was made to the next lowest bidder.

The total number of packets of seed required is 15,086,968. Of this number 13,936,000 are vegetable seeds, 150,400 field and lawn grass seeds and 1,000,568 flower seeds. The vegetable seeds comprise beet, cucumber, lettuce, melon, onion, radish, bean, pea and sweet corn, and the field and lawn grass seeds include cotton and tobacco.

The amount appropriated for seeds was \$130,000, but \$20,000 of the appropriation is for purchasing, testing, propagating and distributing rare and valuable seeds, trees, plants, etc., from foreign countries.

WESTBURY, STA., N. Y. — Isaac Hicks, senior member of the well known nursery firm of Isaac Hicks & Son, died March 13, aged 85 years. He established the nurseries here in 1853 and was a widely known and much respected citizen as well as successful nurseryman. He retired from active business some years ago, since which time the business has been conducted by his sons.

NORTH EASTON, MASS.—William N. Craig, formerly of Taunton, has been appointed superintendent of the gardens of Mrs. F. L. Ames.

TARRYTOWN, N. Y.—Jas. T. Scott has been appointed florist at the House of Refuge, Randall's Island, New York.

TOUGHKENAMON, PA. — The firm of Chambers Bros. has been dissolved and will hereafter be known as C. P. Chambers.

LAWRENCE, KANS.—The night of March 22 fire destroyed the office building and warehouse of the seed firm of Barteldes & Co. The building contained \$50,000 worth of seeds.

PITTSBURG CUT FLOWER CO., Ltd. WHOLESALE FLORISTS.

Long Distance
Phone 2157.

CONSIGNMENTS SOLICITED.

No. 504 Liberty St.,
PITTSBURG, PA.

FLORISTS' SUPPLIES.

Write for Price List.

Mention The Review when you write.

Asparagus Plumosus

Cut Strings
8 feet long,
50c per string.

Nanus

Shipped
to any part
of the country.

W. H. ELLIOTT,
BRIGHTON, MASS.

Mention The Review when you write.

VEGETABLE PLANTS.

LETTUCE, Boston Market, Tennis Ball, Curled Simpson, Grand Rapids and other varieties, 15c per 100; \$1.00 per 1000; \$8.50 per 10,000, if by mail, add 10c per 100.

TOMATO, small plants for transplanting, in several varieties, 15 cts. per 100; \$1.00 per 1000.

PEPPER, small plants for transplanting, in several varieties, 25 cts. per 100; \$2.00 per 1000, if by mail, add 10 cts. per 100.

EGG PLANTS, New York Improved, for transplanting, 25c per 100; \$2.00 per 1000.

CHELERY, White Plume and Golden Self-Blanching, 15c per 100; \$1.00 per 1000.

Other Vegetable plants in season. Cash with order.

R. Vincent, Jr. & Son, White Marsh, Maryland.

Mention The Review when you write.



SEMPLES ASTER...

Choicest home grown seed. 1/4 oz. 25c; oz. \$1.00. In white, shell pink and lavender. Catalogue of all Flower and Vegetable Seeds for Florists and Market Gardeners, sent on application.

W. C. BECKERT,
Seedsman, Allegheny, Pa.

Mention The Review when you write.

Dracaena Indivisa.

Strong plants, in 2-inch, ready for 3-inch pots.

\$2.50 per 100; \$20 per 1000; \$55 per 3000.

THE FLORISTS' SUPPLY CO.,

Box 56, North Tonawanda, N. Y.

Mention The Review when you write.

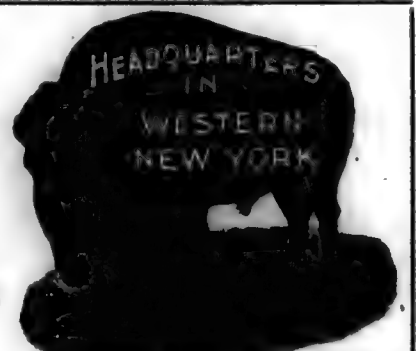
For Spring Planting. The Reliable new EVER-BEARING PEACH, also the ELBERTA and other choice varieties. JAPAN PLUMS, all the most approved sorts. Select assortment small fruits. Prices for above very reasonable. Address

MILFORD NURSERIES, - Milford, Del.

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GIVE US
A
TRIAL.
WE CAN
PLEASE
YOU.

Roses,
Carnations
and all
kinds of
Seasonable
Flowers
in stock.



WM. F. KASTING, Wholesale Com-
mission Florist.

481 Washington St., BUFFALO, N. Y.

Also Dealer in Florists' Supplies and Wire
Designs.

Mention The Review when you write.

JOHN B. FERGUSON, Wholesale Florist,

444 Sixth Ave., PITTSBURG, PA.

LONG DISTANCE 'PHONE 2885.

We Command a Good Market.

Consignments Solicited.

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A New Catalogue entitled

Flowers and Floral Designs.

Twelve pages and handsome cover. Shows forty-one arrangements, with prices. For agents' use, or promoting out-of-town trade. Sample 40c in Stamps. Circular Free.

DAN'L B. LONG, Publisher, BUFFALO.

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Cut Flower Exchange,

404 - 412 East 34th St., New York,

NEAR THE FERRY.

Open Every Morning at 6 o'clock for the sale of
CUT FLOWERS.

Wall space for Advertising purposes to Rent.

J. DONALDSON, SECRETARY.

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SHEEP MANURE.....

DRIED and PULVERIZED.

Purest and Cleanest Sheep Manure on the
market. Write for prices and samples.

Place Orders Now.

J. V. Merrion, Union
Stock Yards, Chicago.

Mention The Review when you write.

HEACOCK'S PALMS

AWARDED
CERTIFICATE OF MERIT
Penna. Horticultural
Exhibition, March 21st,
1900, for choice Areca
Lutescens, etc.



Choice ARECA LUTESCENS, KENTIA BELMOREANA and LATANIA BORBONICA.

All perfect and Symmetrical plants, alike on all sides, with every leaf perfect from the pot up. Grown especially for the decorator. They are as good, if not better, than any I have offered before. Prices are as follows:

ARECA LUTESCENS.

	Each
9-in. pot, very bushy, 5 feet high	\$ 5.00
12-in. pot, very bushy, 6 feet high	\$10.00 to 15.00
14-in. pot, very bushy, 6 to 7 feet high	20.00
15-in. pot, very bushy, 7 to 8 feet high	25.00

KENTIA BELMOREANA.

	Per doz.	Per 100
3-in. pots, 4 to 5 leaves, 10 to 12 in. high	\$3.00	\$25.00
4-in. pots, 5 to 6 leaves, 15 to 18 in. high	6.00	50.00
6-in. pots, 6 leaves, 20 to 24 in. high	18.00	150.00

LATANIA BORBONICA.

	Each
8-in. pot, 8 leaves, 24 in. high by 36 in. wide	\$1.50
10-in. pot, 9 to 10 leaves, 30 to 36 in. high by 42 in. wide ..	4.00

My packing is done in the best possible manner, and shipping facilities for both freight and express are unsurpassed.

A Trial Order is Solicited.

JOSEPH HEACOCK, - - WYNCOTE, PA.

Mention The Review when you write.

ROOTED CUTTINGS --- COLEUS.

Multicolor, M. James, Beckwith, Gem, Hero, Fitzpatrick, Gold Mine, Midnight, Whitelaw Reid, Miss Bliss, Amoretta, Wellington, Firebrand, Pink Gem, Firecrest, Spotted Gem, Mme. Hoyt, Blackbird, Rob Roy, Gloriosa, Brightness, Crimson Bedder, Speciosa, Klondike, The Belle, Progression, Purple Prince, Silver Leaf, Charming, Electric Light, Sport, Avondale, Salvator, Royal Mantle, Attraction, Othello, Hiawatha, Thos. Meehan, Progress, Queen of the West, The Dawn, Chas. Dickens, J. Goode, Charm, Leaves of Autumn, Mars, Varihills, 60c per 100 by mail; \$4.00 per 1000 by express. Verschaffeltii and Yellow, 70c per 100; \$6.00 per 1000. Giant Double Alyssum, 60c per 100; \$5.00 per 1000.

WM. H. SEARCH,
Avondale, Chester County, Pa.

Mention The Review when you write.

Last Call

FOR
ADVS.

FOR
OUR

Special Spring
Number TO BE
ISSUED

NEXT WEEK....

Advs. must
reach us
by the

morning of Wednesday, April 4th,
at the very latest, to be in time.

Burpee's Seeds Grow

NORWAY MAPLES
1000, 8 to 10 feet.
500, 6 to 7 "
100, 1 to 2 "

IRISH JUNIPERS

500, 3 to 4 feet. 500, 2½ to 3 feet.
500, 2 to 3 feet.

10,000 PEACH TREES,

General assortment.

This stock will be sold at very low prices in order to close out.

C. L. LONGSDORF,

OAK HILL NURSERIES,
Flora Dale, Adams Co., Pa.

Mention The Review when you write.

Send 50c or \$1 for
Samples and Prices of **ROSES**

Brides, Maids, Perles, Kaiserins, Woottons,
Golden Gate, La France, or

GERANIUMS in 3-in. Pots. Pink, Red,
White and Salmon.

GEO. A. KUHL, Pekin, Ill.

Mention The Review when you write.

Rooted Cuttings. Verbenas, 40 named
kinds, all the best, 60c
per 100; \$5.00 per 1000.

Petunias, 30 varieties, dbl., all good named varieties, \$1.25 per 100. Heliotrope, 15 named var., \$1 per 100. Coleus, 30 named var., 70c per 100; \$8 per 1000. Ageratum, 3 var., including P. Pauline, 70c per 100. Alyssum, dbl., \$1 per 100. Lantanas, 4 var., \$1.25 per 100. Salvias, 3 var., \$1 per 100. Fuchsias, in var., \$1.50 per 100. All cuttings guaranteed.

Express prepaid. Cash with order. Write
S. D. BRANT, Clay Center, Kas.

Mention The Review when you write.

A HORTICULTURAL WIFE.

The following adv. appears in a recent issue of a western paper devoted to fruit growing:

HORTICULTURAL WIFE WANTED
—Want to sell half interest (\$5,000) in one of the finest fruit houses in S. W. Missouri to some intelligent old maid or unincumbered widow of 40 or 50, then marry her. Am a lone widower of clean record and unquestionable habits. Want an all-around, practical, domestic woman of good health, kind heart, and free from drug habits.

The originality of the proposition is surely entitled to admiration, as well as the far-sightedness of the advertiser.

He proposes to sell the lady in the case a half interest and then marry her and the half interest. He evidently proposes to solve the old problem of how to eat your cake and still have it.

In exchange for the lady's cash and services he offers a "clean record," though he doesn't say how recently it has been laundered, and "unquestionable habits," but fails to say whether they are unquestionably good or unquestionably bad.

And he insists on a woman "free from drug habits." Can it be possible that ladies in his set have been addicted to Bordeaux mixture or kerosene emulsion?

MARIETTA, O.—Julius Lichel, employed by Anton Schoepen, the florist, committed suicide by hanging March 10. He was 38 years of age and had come from Germany seventeen months ago. He was unmarried.

BOONVILLE, MO.—Miss Jenera Yeager has purchased the greenhouse, on Main street from Chas. Koeppen, the Sedalia florist, for whom she has conducted the business for some time past.

SAGINAW, MICH.—The Grenell Seed Co. has let the contract for the erection of a three-story building, 55x85, on Niagara street, the cost to be \$5,000.

LEBANON, IND.—W. A. Bilger has been confined to the house by illness for the last two months, but is now able to be about again.

WINDSOR, CONN.—Geo. W. Wrisley has purchased 1,000 feet of the Garland iron gutter to be used in the erection of a new range of glass.

HOLYOKE, MASS.—W. H. Griffith has sold out his florist's business to E. H. Howland, who will combine it with his own.

HOPKINSVILLE, KY.—Judge J. T. Savage's greenhouse was destroyed by fire February 17. Loss \$1,500, with no insurance.

OGDENSBURG, N. Y.—The greenhouse owned by Miss Mary Bean has been sold to R. J. Barter.

CARNATIONS...

**STRONG WELL-ROOTED CUTTINGS.
SELECT STOCK.**

	Per 100	Per 1000		Per 100	Per 1000
G. H. Cranz.....	\$6.00	\$50.00	Gomez.....	\$5.00	\$40.00
Morning Glory.....	6.00	50.00	Mrs. Geo. M. Bradt.....	5.00	40.00
Gen. Maceo.....	6.00	50.00	White Cloud.....	4.00	30.00
Glacier.....	6.00	50.00	Mary Wood.....	3.00	25.00
America.....	5.00	40.00	Mrs. F. Joost.....	3.00	25.00

AND OTHER STANDARD SORTS.

FIVE 1900 NOVELTIES.

Mrs. Thos. Lawson.....	\$14.00	per 100, \$120.00	per 1000
Ethel Crocker.....	10.00	"	75.00 "
Marquis.....	10.00	"	75.00 "
Olympia.....	12.00	"	100.00 "
Genevieve Lord.....	10.00	"	75.00 "

SEND FOR DESCRIPTIVE PRICE LIST.

F. DORNER & SONS CO., LaFayette, Ind.

Mention The Review when you write.

CARNATION CUTTINGS.

**WRITE FOR SPECIAL DISCOUNTS AND LET US
FIGURE ON YOUR WANTS.**

	Per doz.	Per 100	Per 1000	Blooms per 100
Genevieve Lord, the peer of any light pink Carnation ever offered. From sand or soil.....	\$2.00	\$10.00	\$75.00	\$4.00
Chicago, scarlet Bradt. From sand or soil.....	1.50	7.50	60.00	4.00
Mrs. Lawson, cerise pink.....	8.00	14.00	120.00	
Olympia, variegated. Extra strong, from soil.....	2.00	12.00	100.00	
Ethel Crocker, pink. From soil.....	1.50	10.00	75.00	
Marquis.....	2.00	10.00	75.00	
Estelle.....		10.00	75.00	

	Per 100	Per 1000	Blooms per 100		Per 100	Per 1000	Blooms per 100
F. Joost, from sand or soil.....	\$2.50	\$20.00	\$4.00	Gold Nugget, from sand or soil.....	\$2.50	\$20.00	\$4.00
Mrs. Dean, from sand or soil.....	2.50	20.00	4.00	Argyle, from sand or soil.....	2.50	20.00	4.00
John Young, from sand or soil.....	2.50	20.00	4.00	Jubilee, scarlet.....	2.00	15.00	\$4 to \$5
White Cloud, from sand or soil.....	4.00	30.00	4.00	Armazindy, variegated.....	2.00	15.00	2.00
Mrs. Bradt, from sand or soil.....	5.00	40.00	\$4 to \$5	Evelina, white.....	2.00	15.00	
Gen. Maceo, from sand or soil.....	6.00	50.00	4.00	Wm. Scott, pink.....	2.00	15.00	2.00
Gen. Gomez, from sand or soil.....	6.00	50.00	4.00	Daybreak, light pink.....	2.00	15.00	
G. H. Cranz, scarlet.....	6.00	50.00	\$4 to \$5	Flora Hill, white.....	2.00	15.00	3.00

Have Shipped 100,000 Cuttings This Season without a Kick

CHICAGO CARNATION CO., Greenhouses and Address, JOLIET, ILL.

Mention The Review when you write.

ELM CITY A Grand New White....

Carnation

Seedling of Lizzie McGowan
and Mme. Diaz Albertini,
in its fifth year.

The flowers are large, finely shaped and of strong fragrance. Petals are heavy, of good substance and nicely fringed. Calyx is very strong, after the style of Mme. Albertini, and none bursting; the stem strong, holding the flower erect. The plant is a good grower and free bloomer, not subject to stem rot or any disease. Rooted Cuttings ready February 1st, \$1.50 per doz., \$10 per 100, or \$70 per 1000. Cash with order. We shall prepay the express where money accompanies the order. Orders filled in rotation.

M. E. KRAUS, 320 Davenport Ave., NEW HAVEN, CONN.

Mention The Review when you write.

GENEVIEVE LORD. The Peer of Light Pinks.

(Stock for delivery prior to March 20, all sold.)

The people know a good thing when they see it. If you haven't seen it ask someone who has concerning its appearance. It has proven itself the most popular selling carnation we have ever grown, and as it combines quantity with quality it is no surprise to know it is the most profitable we have ever grown.

Some of its Features : The finest stem of any carnation. The color is just right, the ladies go wild over it. It is large, grades easily as a fancy. Odor is very sweet. Form beautiful, calyx perfect. It is a perfect non-bursting carnation. Every grower will appreciate this. If you don't grow Genevieve Lord next winter your list will not be complete. Remember, stock is all sold until March 20. **PRICE: \$2.00 per doz., \$10.00 per 100, \$75.00 per 1000.**

Catalogue ready now containing full description of the above as well as the other big new ones and standard sorts. A postal card will bring it. Also complete list of new and standard Chrysanthemums.

H. WEBER & SONS, - - Oakland, Md.

Mention The Review when you write.

ETHEL CROCKER..

Absolutely the finest
PINK CARNATION.....
ever offered the trade.

It has been in full bloom since September 15th without any stop, it is in full bloom to-day and as full of buds as many varieties that do not bloom until about this time.

It is a good, strong grower and plants procured any time in April will give you good results next winter.

25 for \$2.50; 100 for \$10.00;
250 for \$18.75; 1000 for \$75.00.

ALBERT M. HERR,
LANCASTER, PA.

Mention The Review when you write.

PERPETUAL BLOOMING HYBRID

CARNATIONS

Crossings between
MARGUERITE AND REMONTANT.

They are what we can recommend as truly Summer flowering varieties, beginning to bloom in the field in July and continue until frost sets in. Flowers medium size, growth very rapid.

Can offer them in 10 varieties, in as many different colors, well established plants, at \$5.00 per 100 by express, or the set of 10 varieties R. C. for 50c by mail. **ETHEL CROCKER**, the best Pink Carnation, well established plants, from 2½-inch pots, \$10.00 per 100; R. C., \$8.00 per 100.

G. EISELE, 11th and Jefferson Sts.
PHILADELPHIA, PA.

Mention The Review when you write.

Carnation Cuttings...

NOW READY.

Jubilee, White Cloud, Daybreak, Flora Hill and other standard varieties. Write for prices. We control the original stock of **MME. CHAPMAN** the Grand Rapids pink sport of D. B.

CRABB & HUNTER, Grand Rapids, Mich.

Mention The Review when you write.

Always mention the Florists' Review when writing advertisers.

NEW CARNATIONS.

We are now ready to receive orders for strong rooted CUTTINGS.....

GEN. MACEO..... } \$1 per doz., \$8 per 100, \$50 per 1000.
G. H. CRANE..... }
GLACIER..... }
MORNING GLORY..... }

GEN. GOMEZ..... } 75c per doz., \$5 per 100, \$40 per 1000.
MRS. G. M. BRADT..... }

WHITE CLOUD..... } 50c per doz., \$4 per 100, \$30 per 1000.
GOLD NUGGET..... }

25 at 100 rate. 250 at 1000 rate.

We have Fine Large Stocks and will deliver only Fine, Strong, Well-Rooted Cuttings.

THE COTTAGE GARDENS, - QUEENS, N. Y.

Mention The Review when you write.

CARNATIONS.

BEST NEW AND STANDARD VARIETIES.
Write for catalogue and prices.

W. P. PEACOCK, ATCO, N. J.

Mention The Review when you write.

NEW CROP WINTER BLOOMING CARNATION SEEDS.....

Hand Fertilized. 25 cents per 100.

CASH WITH ORDER.

AMERICAN ROSE COMPANY,
WASHINGTON, D. C.

Mention The Review when you write.

Money Making CARNATIONS..

Per 100 Per 1000

Flora Hill, White, Money Maker... \$2.00 \$15.00
Daybreak, Light Pink, Money Maker 2.00 15.00
Wm. Scott, Clear Pink, Money Maker 1.00 8.00

Send for complete list.

12 Novelties of 1900. 27 Best Standard Varieties.

GEO. HANCOCK & SON, Grand Haven, Mich.

Mention The Review when you write.

Sandusky!

The best all-round Variegated Carnation. Try it and be convinced. Rooted cuttings \$5.00 per 100.

W. E. HALL, - CLYDE, OHIO.

Mention The Review when you write.

RED Pots Tobacco Stems 1C per lb.

Standard Size,
Wide Bottoms,
At Right Prices.

Sample Pot and List Free.....

Fresh from factory. Bales run from 250 to 300 lbs. each.

Send for our Illustrated Catalogue of all Supplies and Wire Work.

C. C. POLLWORTH CO.....MILWAUKEE, WIS.

Always mention the Florists' Review when writing advertisers.

CLASSIFIED PLANT ADVERTISEMENTS.

Rate for advertisements under this head, 10 cents a line net, per insertion. New advs. and changes must reach us by Wednesday morning at latest to secure proper classification in issue of Thursday.

ABUTILON.

New dwarf abutilon "Lilliput." Rich orange veined with bright red. Grows 12 to 15 inches high and always in bloom. 2-in. pots, \$1.25 per doz. Savitzil, 2-in., 50c per doz. Eclipse, 2-in., 40c per doz.
Roney Bros., West Grove, Pa.

Abutilon, var., trailing, 2½-in., \$4.00 per 100.
Greene & Underhill, Watertown, N. Y.

Abutilon, mixed, 2½-in., \$2.00 per 100.
Morris Floral Co., Morris, Ill.

ACACIAS.

A. paradoxa, fine Easter plant, each 30c, 50c, 75c, 1 ft., 1½ ft., 2 ft. Order now. K. J. Kuyk, Ghent, Belgium, care J. Ter Kulle, 33 Broadway, New York.

ACALYPHA.

Acalypha Sanderi, \$1.00 a doz.; \$8 a 100. A. triumphans, 50c a doz.; \$3.50 a 100.
Good & Reese Co., Springfield, O.

ACHYRANTHES.

Achyranthes, rooted cuttings, \$1.00 per 100.
Greene & Underhill, Watertown, N. Y.

AGERATUM.

Ageratum Stella Gurney. The best dwarf blue Ageratum yet introduced. Habit perfect, color deep and very free. \$1.25 per doz.; \$8.00 per 100.

H. A. Dreer, 714 Chestnut St., Phila., Pa.

R. C., blue and white, \$1.00 per 100; Princess Pauline, \$1.25 per 100.
Greene & Underhill, Watertown, N. Y.

Ageratum Princess Pauline, the only one to grow. Extra strong, 2½-in., \$2.50 per 100.
South Side Floral Co., Springfield, Ill.

Cope's Pet, blue; Lady Isabel, white, 60c per 100; \$5.00 per 1000.

C. Humfeld, Clay Center, Kan.

Ageratum, 3 varieties, 2-in., \$2.00 per 100.
Jos. H. Cunningham, Delaware, O.

Princess Pauline, R. C., ½c; Plants, 1c.
W. B. Woodruff, Westfield, N. J.

ALTERNANTHERA.

Rooted cuttings August struck. Paronchioides Major and Aurea Nana, 60 cts. per 100; \$5.00 per 1000 prepaid.

G. W. WEATHERBY, Chillicothe, Mo.

R. C., red and yellow, 60c per 100; \$5.00 per 1000; summer struck, \$1.00 per 100; \$9.00 per 1000. Greene & Underhill, Watertown, N. Y.

Alternanthera, rooted in August, 50 cts. per 100; \$4.00 per 1000.
Orange Floral Co., West Orange, N. J.

Alternantheras, fine, stocky plants, yellow, \$1.75; red, \$2.00 per 100. Cash.
Jos. H. Cunningham, Delaware, O.

Alternantheras, red and yellow, 50c per 100; \$4.00 per 1000. C. Otto Schwabe, Jenkintown Pa.

Alternanthera, \$4.00 per 1000.

E. I. Rawlings, Quakertown, Pa.

Red and yellow, transplanted, 65c per 100.
J. S. Bloom Reigelsville, Pa.

ALYSSUM.

Double white, strong, 2½-in., \$3; cuttings, 60c per 100.
A. G. Fehr, Belleville, Ill.

Giant Double Alyssum, 60c per 100; \$5.00 per 1000.
Wm. H. Search, Avondale, Pa.

Double giant, \$1.00 per 100.

Greene & Underhill, Watertown, N. Y.

Alyssum, strong 2-in., 2c.

South Side Floral Co., Springfield, Ill.

R. C. sweet alyssum, \$1.00 per 100.

Mrs. F. W. Poore, Haverhill, Mass.

Alyssum, double giant, \$1.00 per 100.

C. Otto Schwabe, Jenkintown, Pa.

Little Gem, from seed bed; 100, 25c.

Jerome Harley, Media, Del. Co., Pa.

ANTHERICUM.

3-in., \$6.00 per 100.

Greene & Underhill, Watertown, N. Y.

The Florists' Manual, by William Scott, is a whole library on Commercial Floriculture.

AQUATIC PLANTS.

We are headquarters for water lilies and aquatic plants of all kinds.

Henry Dreer, 714 Chestnut St., Phila., Pa.

ARAUCARIAS.

Araucaria excelsa, 2½-in. pots, 2 to 3 tiers, \$16.00 per 100; 3-in. pots, 6 to 8 in., 3 tiers, \$20.00 per 100. F. Ludemann, Pacific Nursery, San Francisco, Cal.

The Florists' Manual, by William Scott, is a complete reference book for commercial florists.

ASPARAGUS.

Sprengerl, 2½-inch, extra strong, \$5.00 per 100; 3-inch, extra strong, \$7.00 per 100; 4-in., very fine, \$1.75 per doz.; 5-inch, very fine, \$2.50 per doz. The Calla Greenhouses, Calla, O.

A. plumosus nanus seed, doz., 15 cts; 100, \$1.00; 1000, \$9.00. A. Sprengerl, doz., 10 cts; 100, 75 cts; 1000, \$6.00. H. H. Berger & Co., 47 Barclay St., New York.

Asparagus plumosus nanus, strong, bushy plants, 6 to 9-in. high, 2½-in. pots, \$6.00 per 100. Cash. Robert Mann, 1258 So. Wash. Ave., Lansing, Mich.

Asparagus Sprengerl from 2½-in. pots, strong, \$4.00 per 100.
Harvey B. Snow, Camden, N. Y.

Asparagus Sprengerl, 2½-in., fine, bushy stock, \$1.00 per doz.; \$7.50 per 100. Cash.
Benj. Connell, West Grove, Pa.

Sprengerl, 5-in., 35c; 10-in. baskets, \$1.00. Plumosus nanus, 3-in., \$8 per 100.

A. G. Fehr, Belleville, Ill.

Sprengerl, 2½-in., \$3.50 per 100; \$30.00 per 1000.
John A. Doyle Co., Springfield, Ohio.

AZALEAS.

We offer a very fine lot of Azaleas, comprising the most distinct and best varieties in cultivation, embracing all shades of crimson, white, pink, and rose color. They are shapely specimens, well "headed," double and single flowered, and will make splendid plants for Easter decoration. It is almost impossible to ship Azaleas when in bloom and have them arrive in good condition, hence the necessity of procuring them in advance before the buds open. Following are prices for established plants:

10 to 12 inch heads, doz., \$5; 100, \$40.

12 to 14 inch heads, doz., \$6; 100, \$50.

14 to 16 inch heads, doz., \$9; 100, \$70.

Six sold at dozen rates; 25 at 100 rate.

Peter Henderson & Co., 35 and 37 Cortlandt St., New York.

Azalea Amoena, one of the choicest hardy, dwarf shrubs. Rooted cuttings, \$4.00 per 100 by mail; \$25.00 per 1000. From thumb pots, \$5.00 per 100; 3½-in. pots, \$12.00 per 100. Samuel C. Moon, Morrisville, Bucks Co., Pa.

Nice plants to grow on, 4-in. pots, in var., \$18 per 100; \$2.25 per doz; 3-in., \$8.00 per 100. Cash with order.

Henry Ernst & Son, Washington, Mo.

BASKET PLANTS.

Saxifraga Sarmientosa, fine plants, per 100, \$4.00. Variegated Ivy, 2-in. pots, per 100, \$2.00. Fly plant, in bloom, per 100, 60c. Air plant, plain and variegated, per 100, 60c. Cigar plant, per 100, 90c. Plants by mail prepaid.

S. C. Brendel, West Newton, Pa.

German Ivy and Ageratum, 75 cts. per 100. Lobelia, dwarf and trailing, \$1.00 per 100. Solanum Jas. Alba, fragrant white flowers all summer, fine for vases, \$1.50 per 100. Cash.
Orange Floral Co., West Orange, N. J.

BEGONIAS.

Begonia Duke Zeppelin. A sun-proof double scarlet variety; one of the best bedding varieties, 20 cents each; \$2.00 per doz.; \$15.00 per 100. Begonia New Frilled. These are perfection in tuberous rooted Begonias. Flowers from four to five inches across, with wavy petals which are frilled on the edges like a fine petunia, 25 cts each; \$2.50 per doz.; \$20.00 per 100.

Single, rose scarlet, white, yellow, orange, 40c per doz.; \$2.50 per 100; \$20.00 per 1000. Singles in choicest mixture, 35c per doz.; \$2.00 per 100; \$18.00 per 1000. Double, rose, scarlet, white, yellow, 65c per doz.; \$5.00 per 100; \$40.00 per 1000; double in choicest mixture, 50c per doz.; \$4.00 per 100; \$35.00 per 1000.

Henry Dreer, 714 Chestnut St., Phila., Pa.

Rex Begonias. We are headquarters for Rex Begonias. Fine young stock now ready. Many distinct varieties, \$4 per 100. Write for special price on 500 and 1,000 lots. Address all orders for Rex Begonias to us.

G. R. Gause & Co., Earham View Greenhouses, Richmond, Ind.

Begonia Caledonia, the white Lorraine. We are now booking orders for fall delivery. Plants from 3½-in. pots, \$5.00 each. R. & J. Farquhar & Co., 16 and 19 So. Market St., Boston, Mass.

Begonia tuberous, single colors, separate. Per 100, English strain, \$3.50; Belgian, \$2.50. Double colors, separate, English strain, \$5.00; Belgian, \$4.00.

Bobbink & Atkins, Rutherford, N. J.

Begonias, rooted cuttings, Erfordil, Rex, Inc. gigantia, \$2.00 per 100. Rex, assort., 2½-in., \$4.00; named, 2½-in., \$6.00; 4-in., \$10.00 per 100. Greene & Underhill, Watertown, N. Y.

In variety, 2-in. pots, \$2.00 per 100; 3-in. pots, \$3 per 100. Bedding Begonias, Vernon, 2-in. pots, \$2 per 100; 3-in. pots, \$3 per 100.
J. S. Bloom, Reigelsville, Pa.

Begonias, Vernon, Bijou, Rosea and Alba, 2½-in., \$2.00 per 100; 4-in. pots, \$5.00 per 100.
C. G. Nanz, Owensboro, Ky.

Graf Zeppelin, best double scarlet for sunny borders. H. Henkel, Darmstadt, Germany.

15 varieties, flowering, named, 2½-in., \$1.50 per 100.
Morris Floral Co., Morris, Ill.

BOUGAINVILLEA.

B. Sanderiana, doz., 60c; 100, \$4.

Good & Reese Co., Springfield, O.

Sanderiana, strong, from last year.

H. Henkel, Darmstadt, Germany.

BULBS.

Just received. Fine stock of the following bulbs:

	Per Dozen.	Per 100.
Caladium Esculentum, 5 to 7-in. cir.	\$.50	\$ 3.00
Caladium Esculentum, 7 to 9-in. cir.	.75	4.50
Caladium Esculentum, 9 to 12-in. cir.	1.15	8.00
Caladium Esculentum, 12-in. and up.	2.00	15.00

Tuberose, Excelsior Pearl, 1st class, \$1.00 \$7.50
Tuberose, Excelsior Pearl, medium, .75 5.00

Send us your orders now. We also have complete stocks of Gladiolus, Cannas, Lilies, and all spring bulbs.

McKellar & Winterson, 45-47-49 Wabash Ave., Chicago.

Order now for next August delivery. White Roman hyacinths, 30 francs per 1000, 11-12 c. m., and 50 francs, 12-15 c. m. Narcissus paper white grandiflora, 18 francs per 1000. All best quality. F. O. B. Marseilles. Cases 2 francs each. 30 days from invoice accept. Prices for other bulbs on application. A. Clin, wholesale bulb grower, Hyeres (Var), France.

After filling our contract orders we have 50,000 No. 1 4 to 6-in. Excelsior Pearl bulbs to offer at \$5.00 per 1000. No. 2's, 3 to 4-in., \$2.50 per 1000. Caladium Esculentum bulbs, 4 to 5-in. circumference, \$6.00; 5 to 7-in., \$10.00; 7 to 9-in., \$22.00; 9 to 11-in., \$35.00 per 1000.
Jno. F. Croom & Bro., Magnolia, N. C.

Richardia bulbs, from 1½ to 2 in., 4c.

M. L. Bonham, Clinton, Mo.

PLEASE MENTION THE REVIEW WHEN WRITING ANY OF THESE ADVERTISERS.

We have still on hand some of our Lily of the Valley pipe, the finest that comes to this country at \$10.00 per 1000; case of 3000 at \$30.00 per 1000. J. M. Thorburn & Co., 36 Cortlandt St., New York.

R. Van Der Schoot & Son, Wholesale Bulb Growers, Hillegom, Holland. Our bulb stocks, now covering an area of over 150 acres, are at present the largest in Holland. Est. 1830.

Warnaar & Co., late van Heemstra & Co., and Jac. Wezelenburg. Headquarters for Hyacinths, Narcissus, Tulips. Sassenheim, Holland. Ask for U. S. references as to quality.

California grown bulbs. Send for our special trade list.

California Nursery Co., Niles, California.
Zephyranthes sulphurea, big yellow flower, \$6.00 per 1000. Milla, Bessera and others.
W. Tell, Austin, Tex.

Bulbs and Plants for Fall and Spring delivery. C. H. Joosten, Importer, 85 Day, St., N. Y.

CACTI.

Choice, \$1.00 and \$2.00 per doz. Good mixed collection, 50 plants, \$5.00. Echeveria Californica, fine bedder, \$3.00 per 100; off-sets, \$1.00 per 100. Mrs. M. E. Patterson, Glendale, Cal.

Cacti and cacti seed, send for price.
W. Tell, Austin, Tex.

CALADIUMS.

Caladium Albanense. Differs from all other fancy Caladiums. Leaves thick and heavy, spear shaped, and handsomely marked with red, green and creamy yellow, radiating from the center of leaf. 35 cts each; \$4.00 per doz.
H. A. Dreer, 714 Chestnut St., Phila., Pa.

Caladiums, fancy named sorts, extra large, bulbs 1 1/4 to 2 1/4 inches, \$2.50 per 10; \$20.00 per 100. Bulbs 1 to 1 1/4 inches, \$1.50 per 10; \$12.00 per 100. P. J. Berckmans Co., Augusta, Ga.

CANNAS.

Cannas, strong, dormant and the best. Florence Vaughan, Alphonse Bouvier, Queen Charlotte, Chas. Henderson, each, \$3.00 per 100. Alsace, white, 5c. Cash please.
Benj. Connell, West Grove, Pa.

The 3 best solid red: Black Prince, \$10.00 per 100; Philadelphia, Duke of Marlborough, \$4.00 per 100.

The Conard & Jones Co., West Grove, Pa.

Started from sand bed; Florence Vaughan, Queen Charlotte, Alp. Bouvier, Austria, separate, \$3.50 per 100; \$30.00 per 1000.
Paul Mader, E. Stroudsburg, Pa.

Cannas started from sand bed. Austria, Italia, Robt. Christie, Geoffrey St. Hillare, and Chas. Henderson, \$3.00 per 100.
J. Palmer Gordon, Ashland, Va.

Strong Tubers, Dormant, Alphonse Bouvier and Florence Vaughan, \$1.50 per 100. Order now.
Geo. E. Feich, Ayer, Mass.

Cannas, only the best varieties, mixed, 4-in., \$3.00 per 100; \$25.00 per 1000.
C. Otto Schwabe, Jenkintown, Pa.

Cannas. 20 of the best vars., extra strong, dry roots, \$2.00 per 100; \$15.00 per 1000.
C. G. Nanz, Owensboro, Ky.

Mme. Crozy, Austria, Florence Vaughan, Queen Charlotte and Henderson, \$1.50 per 100.
J. D. Hooper, Richmond, Va.

A select list of new cannas. Write N. Smith & Son, Adrian, Mich.

C. Henderson and Austria, 1c.
W. B. Woodruff, Westfield, N. J.

CARNATIONS.

WELL ROOTED CUTTINGS. Per 100. Per 1000.		
G. H. Crane	\$6.00	\$50.00
Morning Glory	6.00	50.00
Gen. Maceo	6.00	50.00
Glacier	6.00	50.00
America	5.00	40.00
Gomez	5.00	40.00
Mrs. Geo. M. Bradt	5.00	40.00
White Cloud	4.00	30.00
Mary Wood	3.00	25.00
Mrs. F. Joost	3.00	25.00

And other standard sorts.

FIVE 1900 NOVELTIES.

Mrs. Thomas Lawson	\$14.00	\$120.00
Ethel Crocker	10.00	75.00
Marquis	10.00	75.00
Olympia	12.00	100.00
Genevieve Lord	10.00	75.00

Send for descriptive price list.

F. DORNER & SONS CO.,
LAFAYETTE, IND.

CARNATION CUTTINGS. Per 100. Per 1000.		
Mrs. Lawson	\$14.00	\$120.00
G. H. Crane	5.00	.....
America	3.00	25.00
Melba	3.00	25.00
Leslie Paul	3.00	25.00
Gov. Griggs	3.00	25.00
Mrs. Bradt	2.50	20.00
Frances Joost	2.50	20.00
Evanston	2.50	20.00
Jubilee	2.00	15.00
Gold Nugget	2.00	15.00
White Cloud	2.00	15.00
Flora Hill	1.50	12.50
Triumph	1.50	12.50
Victor	1.50	12.50
Daybreak	1.25	10.00
Argyle	1.25	10.00
Armazindy	1.25	10.00
McGowan	1.00	7.50
Pingree	1.00	7.50
Nivea	1.00	7.50
Evelina	1.00	7.50
Wm. Scott	1.00	7.50
Morello	1.00	7.50

All Plants and Cuttings sold with the express understanding that if not satisfactory they are to be returned at once, when money will be refunded. Write for prices on larger lots.

PETER REINBERG,
51 WABASH AVE., CHICAGO.

New carnations. Gen. Maceo, G. H. Crane, Glacier, Morning Glory, \$1.00 per doz.; \$6.00 per 100; \$50.00 per 1000. Gomez, Bradt, 75c per doz.; \$5.00 per 100; \$40.00 per 1000. White Cloud, Gold Nugget, 50c per doz.; \$4.00 per 100; \$30.00 per 1000. Mrs. James Dean, \$3.00 per 100; \$25.00 per 1000. Mrs. Thos. W. Lawson, \$3.00 per doz.; \$14.00 per 100; \$120.00 per 1000. Olympia, \$2.00 per doz.; \$12.00 per 100; \$100.00 per 1000. Marquis, Genevieve Lord, Ethel Crocker, \$2.00 per doz.; \$10.00 per 100; \$75.00 per 1000. 25 at 100 rate, 250 at 1000 rate. We have fine large stocks and will deliver only strong, well rooted cuttings. The Cottage Gardens, Queens, N. Y.

Perpetual blooming hybrid carnations. Crossings between Marguerite and Remontant. They are what we can recommend as truly summer flowering varieties; they begin to bloom in the field in July and continue until frost sets in; flowers medium size, growth very rapid. Can offer them in 10 varieties, in as many different colors, at \$5.00 per 100, by express, from 2 1/2-in pots, or the set of 10 varieties, R. C., for 50 cents, by mail. Ethel Crocker, the best pink carnation, well established plants, from 2 1/2-in. pots, \$10.00 per 100; R. C., \$8.00 per 100. C. Elsie, 11th and Jefferson sts., Phila., Pa.

Elm City, a grand new white carnation, seedling of Lizzie McGowan and Albertini, in its fifth year. The flowers are large, finely shaped and very fragrant. Petals are heavy, of good substance, nicely fringed. Calyx, strong, after the style of Albertini, none bursting. Stem strong, holding the flower erect. The plant is a good grower and free bloomer. Rooted cuttings ready Feb. 1 at \$1.50 per doz.; \$10.00 per 100; \$70.00 per 1000. We prepay the express when money accompanies the order. M. E. Kraus, 320 Davenport Ave., New Haven, Conn.

Carnation cuttings. G. H. Crane, \$5.00 per 100; White Cloud, Triumph and Evanston, \$2.50 per 100; \$20.00 per 1000. Gold Nugget and Jubilee, \$2.00 per 100; \$15.00 per 1000. Flora Hill, Daybreak, Argyle and Armazindy, \$1.25 per 100; \$10.00 per 1000.

Mayor Pingree, Wm. Scott and Tidal Wave, \$1.00 per 100; \$7.50 per 1000. McGowan, 75c per 100; \$5.00 per 1000.

All rooted cuttings sold under the condition that if not satisfactory they are to be returned at once and money will be refunded.

George Reinberg, 51 Wabash Ave., Chicago.

The new light pink carnation, Genevieve Lord, is the coming light pink and we recommend it to you as being first-class in every way. It has won highest honors wherever shown. Better than Scott in its palmy days. There will be no attempt to over propagate it. First come, first served. \$75.00 per 1000; \$10.00 per 100; \$2.00 per doz. Send for complete description. Also Mrs. Thos. W. Lawson, Crocker, Olympia, Marquis, J. Whitcomb Riley, Chicago and Estelle at introducers' prices.

H. Weber & Sons, Oakland, Md.

Wm. Scott Carnation. Cuttings are going fast; every first order sent out has hatched another, so do not delay, but order at once, as they will not last long, at \$6.00 per 1000. Mrs. Joost, Melba, \$2.50 per 100; \$20.00 per 1000. Flora Hill, Daybreak, \$1.25 per 100; \$10.00 per 1000. General Maceo, \$4.00 per 100; \$35.00 per 1000. Victor, Mayor Pingree, \$1.00 per 100; \$9.00 per 1000. Jubilee, \$1.50 per 100; \$12.00 per 1000. Cash with order. Carl E. Taube, Trenton, N. J.

New Carnation—Alma. The most productive carnation we have. Rose Pink, new, \$5.00 per 100; \$40.00 per 1000. Daybreak, \$2.00 per 100; \$15.00 per 1000. Wm. Scott, Genesee, Evelina, Portia and Bon Ton, \$1.50 per 100; \$10.00 per 1000. Victor, \$1.50 per 100; \$12.00 per 1000. F. Hill, \$1.75 per 100; \$15.00 per 1000. White Cloud, \$2.50 per 100; \$20.00 per 1000. Jubilee, \$2.00 per 100; \$15.00 per 1000.

C. Merkel & Son, Mentor, O.

Mary A. Baker and Anna C. Eastburn, two best white carnations I have ever grown. Sandusky, Duke of York and Melba, \$5 per 100; \$40 per 1000. Empress and Wellesley, \$2.50 per 100; \$20 per 1000. Flora Hill and Mayor Pingree, \$2 per 100; \$15 per 1000. Scott, McGowan, Cartledge, Portia, Eldorado and Tidal Wave, \$1.50 per 100; \$12 per 1000. Send for descriptive price list.

Louis B. Eastburn, Kennett Square, Pa.

Ethel Crocker. Absolutely the best pink carnation ever offered the trade. It has been in full bloom since Sept. 15 without any stop. It is in full bloom to-day and as full of buds as many varieties that do not bloom until about this time. Plants procured any time in April will give good results next winter. 25 for \$2.50; 100 for \$10.00; 250 for \$18.75; 1000 for \$75.00. A. M. Herr, Lancaster, Pa.

Big cut to make room; good, clean rooted cuttings, Peach Blow, Scott, Bridesmaid, Rose Queen, 75c per 100; \$6.00 per 1000. Flora Hill, Jubilee, Triumph, Kohinoor, \$1.50 per 100. Albertini, Armazindy, Emily Pierson, \$1.25 per 100; any of above from 2-in. pots, 50c more. Cash with order.

Logan Ave. Greenhouses, Danville, Ill.

ROOTED CARNATION CUTTINGS.

Ethel Crocker	\$10.00 per 100
The Marquis	10.00 per 100
G. H. Crane	5.00 per 100
White Cloud	2.50 per 100
Mrs. Joost	2.00 per 100
Victor	1.25 per 100
Daybreak	1.25 per 100

H. F. LITTLEFIELD, WORCESTER, MASS.

Now ready, rooted cuttings. Maceo, Glacier, \$6.00 per 100; Evanston, \$2.50 per 100; Jubilee, Armazindy, Victor, A. Webb, \$2.00 per 100; F. Hill, Daybreak, Dana, Meteor, Morello, Cartledge, \$1.50 per 100; McGowan, Bridesmaid, Eldorado, Pingree, Portia, Jahn's Scarlett, Scott, \$1.00 per 100.

D. R. Herron, Olean, N. Y.

Rooted cuttings, clean, cool grown stock. Freedom, Daybreak, Dana, Jahn's Scarlett, Mangold, \$1.50 per 100. Bon Ton, John Young, \$2.50 per 100. Gen. Gomez, \$4.50; and Maceo, \$6.00 per 100. Transplanted, 50c per 100 more. Cash please. W. G. Kraber, 35 Tremont St., New Bedford, Mass.

Strong, well-rooted plants from flats and soil. Wm. Scott, Eldorado, \$2 per 100; \$15 per 1000. Rose Queen, Thos. Cartledge, \$2.50 per 100; \$20 per 1000. McGowan, Mrs. Fisher, Portia, \$1.50 per 100; \$12 per 1000. Superior quality only. Cash with order.

W. T. & F. P. Butz, New Castle, Pa.

Rooted cuttings of carnations. Both new and old varieties at lowest prices for good stock. Special rates on orders booked for future delivery. Satisfaction or money refunded. Geo. A. Rackham, 880 Van Dyke Ave., Detroit, Mich.

Scott and McGowan, \$1 per 100; \$6.00 per 1000. Daybreak, \$1.25 per 100; \$10.00 per 1000. Flora Hill, \$1.50 per 100; \$12.00 per 1000. Bon Ton, \$2.00 per 100; Gomez, 60 cts. per doz.; \$4.00 per 100. Joost, \$2.50 per 100. Cash.

Orange Floral Co., West Orange, N. J.

For cash with order only I offer the following carnations, strong transplanted stock: 4000 Triumph at \$2.00 per 100, \$18.00 per 1,000; 1500 Wm. Scott at \$1.25 per 100, \$10.00 per 1000; 500 Lily Dean at \$2.00 per 100.

Geo. W. Binstead, Summit, N. J.

Carnation cuttings now ready. Jubilee, White Cloud, Daybreak, Flora Hill and other standard varieties. We control the original stock of Mme. Chapman, the pink sport of Daybreak. Crabb & Hunter, Grand Rapids, Mich.

Rooted cuttings. Wm. Scott, \$10.00 per 1000. Maude Adams, \$3.50 per 100. Mrs. F. Joost, \$2.50 per 100. Lady Emma, \$12.50 per 1000. Unrooted at half price. Write for prices on large lots.

Chas. Lenker, Freeport, L. I.

A fine lot of rooted cuttings of the following: Mayor Pingree, Bon Ton, Wellesley, Armazindy, Jubilee and Genesee, \$2.00 per 100. Buttercup (fine), \$3.00 per 100.

Jos. Renard, Unionville, Chester Co., Pa.

PLEASE MENTION THE REVIEW WHEN WRITING ANY OF THESE ADVERTISERS.

CARNATIONS—Continued.

Chicago Carnation Co. The great and only carnation specialists. Cuttings now ready. For list see display adv. in this issue. Chicago Carnation Co. Greenhouses and address, Joliet, Ill.

Rooted cuttings. Wm. Scott, \$10.00 per 1000. L. McGowan, \$7.50 per 1000; Lady Emma, \$12.00 per 1000. 500 at 1000 rate. Unrooted cuttings at half price.

Ed. Fischer, Maspeth, L. I., N. Y.

John Young, New York, Eldorado, Hector, \$1.50; G. H. Crane, \$6.00. White Cloud, \$4.00. Mrs. Jas. Dean, \$3.00 per 100. Unrooted John Young and New York at half price.

Wm. Stuppe, Hollis, L. I., N. Y.

Cuttings, strictly clean. Daybreak, \$2.00 per 100; Scott, \$1.50 per 100; Sandusky, \$2.00 per 100; Maud Adams, \$2.00 per 100; St. Clair, red, money maker, \$2.50 per 100.

A. G. Fehr, Belleville, Ill.

Rooted cuttings from fine stock. White Cloud, \$2.50 per 100; \$20.00 per 1000. Triumph, \$2.00 per 100; \$15.00 per 1000. Geo. F. Christie, Clifton Heights, Del. Co., Pa.

Southern florists should plant southern carnations, 20,000 rooted cuttings, 15,000 2-in. pot plants. For sorts and prices write to Southern Nursery, Box 328, San Antonio, Tex.

Strong, well rooted plants from flats and soil. Scott, McGowan, Portia, \$1.50 per 100. Jubilee, \$2.50 per 100. Cash. Robert Mann, 1258 So. Wash. Ave., Lansing, Mich.

10000 strong rooted cuttings. Per 100, Frances Joost, Gold Nugget, Evelina and Flora Hill, \$2.00. Mrs. Geo. Bradt, \$4.50. Daybreak, \$1.50. Jos. Labo, Joliet, Ill.

50,000 standard carnations, rooted cuttings, \$7.50 per 1000. Descriptive list of 25 choice, up-to-date varieties. Cash.

South Side Floral Co., Springfield, Ill.

Carnation plants. From flats, clean: Scott, Daybreak, \$1.20 per 100. Flora Hill, \$1.50 per 100. McGowan, \$1.00 per 100. Cash with order. Alex. Schultz, Phillipsburg, N. J.

Flora Hill, Morello, Mayor Pingree and Daybreak, \$1.50 per 100; \$14.00 per 1000. Wm. Scott and McGowan, \$1.00 per 100; \$3.00 per 1000.

C. Humfeld, Clay Center, Kan.

From soil: 500 White Cloud, \$3.00 per 100; 500 Flora Hill, \$2.50 per 100; 500 Daybreak, \$2.00 per 100. Fine, strong and healthy stock.

Gunnar Teilmann, Marion, Ind.

Rooted and unrooted cuttings at closing out prices. For varieties and prices see display adv.

Morris Floral Co., Morris, Ill.

Carnations. All the standard varieties and the 1900 novelties. Geo. Hancock & Son, Grand Haven, Mich.

Rooted cuttings of all the new and standard varieties of carnations. Send for price list.

Wm. Swayne, Box 226, Kennett Square, Pa.

R. C., White Cloud, \$3.00 per 100; Triumph, Albertini, Flora Hill, \$2.00 per 100.

Greene & Underhill, Watertown, N. Y.

New crop winter blooming carnation seeds. Hand fertilized. 25c per 100. Cash.

American Rose Co., Washington, D. C.

Best new standard varieties. Write for prices. Satisfaction or money refunded.

Carl Hagenburger, W. Mentor, Ohio.

Dillon's wholesale price list of carnations is now ready. Send for it.

J. L. Dillon, Bloomsburg, Pa.

Rooted cuttings per 100: Victor, \$1.50; Daybreak, \$1.25; Portia, \$1.00.

Geo. Smith, Manchester, Vt.

Best new and standard varieties. Write for catalogue and prices.

W. P. Peacock, Atco, N. J.

Mrs. Fisher carnations. From soil, \$1.00 per 100; 2½-in. pots, \$2.00 per 100.

Wm. Keir, Pikesville, Md.

Strong Daybreaks from soil, \$15.00 per 1000.

S. W. Pike, St. Charles, Ill.

The Florists' Manual, by William Scott, is a complete reference book for commercial florists.

CHRYSANTHEMUMS.

The new pink chrysanthemum, Miss Florence E. Denzer, the largest mum. Blooms for Christmas. Certificated by C. S. A., Dec. 21, '99. See cut in Florists' Review of Dec. 21, '99. Now ready, rooted cuttings \$8.00 per 100; 2½-in. pots, \$10.00 per 100. Anton C. Zvolánek, Summit Av., West Hoboken, N. J.

Rooted cuttings. Golden Wedding, Lincoln, Ivory, Maud Dean, Niveus, Queen, Major Bonaffon, Glory of Pacific, good, clean stock, true to name; well rooted from propagating bench. 75 cents per 100. Cash with order.

Miller & Clark, Jamesville, N. Y.

500 Bonaffon, from 2 and 2½-inch pots, \$3.00 per 100. 500 best standard commercial varieties, from 2 and 2½-inch pots, \$2.50 per 100. 1000 rooted cuttings at \$1.00 per 100.

Gunnar Teilmann, Marion, Ind.

Well rooted cuttings of Ivory, Niveus, Mrs. G. Pitcher, Bonaffon, Maud Dean and Nemesis, 75c per 100; 2-in., \$1.50 per 100, cash.

R. Kilbourn, Clinton, N. Y.

Rooted cuttings. Rose Owen, Glory of Pacific, Woodford, and others, \$10.00 a 1000. Cash with order. Paul Brunner, Corona, L. I., N. Y.

R. C., Yel. Queen, Mrs. Robinson, G. Kalb, M. Monarch, Bonaffon, Lager, 75c per 100; \$7.00 per 1000. Dann & Son, Westfield, N. Y.

Hardy pompon chrysanthemums, 60 varieties, from 2½-in. pots, \$2 per 100.

R. Vincent, Jr., & Son, White Marsh, Md.

Merry Monarch, Bonaffon and Merry Xmas, \$2.00 per 100. Cash with order. Wm. Keir, Pikesville, Md.

Chrysanthemums, only money making varieties, \$1.00 per 100; \$9.00 per 1000.

C. Otto Schwabe, Jenkintown, Pa.

The Bard, Pacific, Weeks, Bassett and Bonaffon, 2½-in., strong, per 100, \$2.50.

Mrs. A. L. Myers, Bluffton, Ind.

Helen Bloodgood, G. Bramhall, 2-in., \$2.00 per 100. Glory of Pacific, 2-in., \$1.50 per 100.

Geo. L. Miller, Newark, Ohio.

CINERARIAS.

Cinerarias, for Easter, in bud and bloom, 4-in. pots, \$5.00 per 100; 5-in. pots, \$1 per doz.

J. S. Bloom, Reigelsville, Pa.

Cinerarias, extra strong, 2½-in., 3c; 2-in., 2c.

South Side Floral Co., Springfield, Ill.

CLEMATIS.

Clematis paniculata, pot-grown, \$80.00 per 1000; 2-year field-grown, \$90.00 per 1000.

The W. H. Moon Co., Morrisville, Pa.

Coccinea and crispa, \$30.00 to \$45.00 per 1000.

W. Tell, Austin, Tex.

COLEUS.

Rooted cuttings, Verschaffeltii, Golden Bedder and Empress of India. All well rooted and equal to the best on the market. Price, \$1.00 per 100; \$7.50 per 1000. 500 at 1000 rate. Orders calling for 1000 or more will be sent F. O. B. New York City. Seawanhaka Greenhouses, Jas. C. Clark, Supt., Box 34, Oyster Bay, N. Y.

R. C., fancy and large leaf, \$1.00; Verschaffeltii, yellow and selected kinds, 50c per 100; \$7.00 per 1000; mixed, col., 60c per 100; \$5.00 per 1000. Greene & Underhill, Watertown, N. Y.

Coleus, crimson Verschaffeltii and Golden Queen, \$7.00 per 1000; 75c per 100. Coleus in variety, \$5.00 per 1000; 60c per 100.

J. E. Felthousen, Schenectady, N. Y.

20 new ones, all named, \$1.00 per doz.; \$4.00 per 100. 30 standard varieties, all named, 2½-in., \$1.50 per 100.

Morris Floral Co., Morris, Ill.

Verschaffeltii, Golden Bedder, Queen Victoria, 60c per 100; \$5.00 per 1000.

C. Otto Schwabe, Jenkintown, Pa.

Twenty named varieties, all money makers, 70c per 100; \$6.00 per 1000.

C. Humfeld, Clay Center, Kan.

Coleus rooted cuttings, for list of varieties and prices see display adv., this issue.

Wm. H. Search, Avondale, Pa.

Coleus, 2½-in., separate colors, strong, fine plants at \$1.50. Fine selected rooted cuttings, 80c per 100. C. Winterich, Defiance, Ohio.

30 varieties, 70c per 100; \$6.00 per 100. Express paid.

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Stevia, var., rooted cuttings, \$1.50 per 100. Greene & Underhill, Watertown, N. Y.

SWAINSONA.

Swainsona alba galegifolia, 2-in. pots, \$2.00 per 100. Cash with order. Logan Avenue Greenhouses, Danville, Ill.

VEGETABLE PLANTS.

One-half million asparagus. Strong 2-year roots. Conover's Colossal, Palmetto and Columbian White. Write for samples and quotations. The Wm. H. Moon Co., Morrisville, Pa.

Lettuce, tomato, pepper, egg, celery and other vegetable plants in season. For prices, see display adv. in this issue.

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Lettuce plants, Grand Rapids, transplanted, very strong and stocky, \$1.50 per 1000. James Frost, Greenville, Darke Co., Ohio.

1000 genuine Lorillard tomato plants, from pots, for benching, \$2.00 per 100 straight. Cash. Benj. Connell, West Grove, Pa.

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60 finest named varieties, including our new mammoth white, Mrs. McKinley, the finest white verberna grown. Healthy, free from rust. Rooted cuttings, 60c per 100; \$5.00 per 1000. Plants, \$2.50 per 100; \$20.00 per 1000. Our list is the choice from millions of seedlings.

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50,000 verbenas. 20th century collection comprising 32 grand mammoth varieties, the cream of the latest and cheapest, 60c per 100; \$5.00 per 1000.

South Side Floral Co., Springfield, Ill.

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Greene & Underhill, Watertown, N. Y.

PLEASE MENTION THE REVIEW WHEN WRITING ANY OF THESE ADVERTISERS.

Verbenas, rooted cuttings, 60c per 100; \$5.00 per 1000; \$22.00 per 5000. 2-in., fine plants, \$2.00 per 100; \$18.00 per 1000.
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Mammoth verbenas, large rooted plants, 60c per 100; \$5.00 per 1000.
S. Whitton, 15-17 Gray Ave., Utica, N. Y.

We have all the best, plenty of red and pink, 60c per 100; \$5.00 per 1000.
S. D. Brant, Clay Center, Kan.

Good varieties, 2-in. pots, \$2.00 per 100; rooted cuttings, 50c per 100.
J. D. Hooper, Richmond, Va.

Verbenas, 2 and 2½-in., good var., \$2.00 per 100. Jos. H. Cunningham, Delaware, O.

Verbenas, 60 cts. per 100; \$5.00 per 1000. Cash. Orange Floral Co., West Orange, N. J.

R. C., ½c, fine stock.
W. B. Woodruff, Westfield, N. J.

VINCAS.

Vinca vines, per 100, 4-inch pots, \$6.00; 3-inch, \$4.00; 2-inch, \$2.50; rooted cuttings from flats, \$1.50. Cash with order or C. O. D. W. A. Clark & Son, 59 State St., Watertown, N. Y.

Major and Var., rooted cuttings, \$1.00 per 100. Cash with order.
Logan Ave. Greenhouses, Danville, Ill.

Rooted cuttings, var., extra strong, \$1.50 per 100; 2½-in., \$3.00 per 100.
Greene & Underhill, Watertown, N. Y.

Vincas, strong 2½-in., Major and var., 3c; 2-in., 2½c.
South Side Floral Co., Springfield, Ill.

Rooted cuttings, \$1.25 per 100; \$10.00 per 1000; 4-in. pots, \$3.00 per 100; \$70.00 per 1000.
J. E. Felthousen, Schneectady, N. Y.

I want to exchange 50 extra strong vinca, fol. var. out of 5-in. pots for Ivy geraniums.
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Vinca Variegata, \$1.00 per 100. Cash.
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Vinca vines, 2 and 2½-in., \$3.00 per 100.
Jos. H. Cunningham, Delaware, O.

VIOLETS.

Marie Louise and Princess of Wales, Selected Rooted Runners from our choice stock. Corbett & Wilson always take first prize at all Cincinnati monthly exhibits, and refer you to any Cincinnati florist for quality and quantity of our pick. For price, etc., write Corbett & Wilson, Station K, Cincinnati.

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Marie Louise violets, fine, healthy plants, absolutely free from disease, \$3.00 per 100.
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California strong, 3½-in., \$3.00 per 100. Runners, \$1.00 per 100.
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Plants, 3 to 5 spines, \$2.50 per 100; \$20.00 per 1000. Ready March 1st to 10th.
Jno. S. Kerr, Sherman, Tex.

MISCELLANEOUS PLANTS.

Ageratum, three kinds, including Princess Pauline, 70c per 100. Alyssum, dbl., \$1.00 per 100. Lantanas, four kinds, \$1.25 per 100. Salvias, three kinds, \$1.00 per 100. Express prepaid and satisfaction guaranteed. Cash with order, don't send checks.
S. D. Brant, Clay Center, Kan.

Impatiens Sultan and Tradescantia, tricolor, \$2.00 per 100. Fragrant callas, 2½-in., \$1.50; 4-in., \$3.00 per doz. German Ivy, \$1.25 per 100. Mignonette, 2-in., \$2.00 per 100.
Greene & Underhill, Watertown, N. Y.

Iresines, red and yellow; mesembryanthemum basket plant; California moss; Lobelia, Crystal Palace gem; Cigar plant, all in 2½-in., at \$1.50 per 100. Morris Floral Co., Morris, Ill.

Transplanted plants, \$1.50 per 100 of Stocks, Dbl. White, Mignonette, true Machet, Hollyhock, Dbl. White, Jerusalem Cherry, Ardisia Crenulata. A. G. Fehr, Belleville, Ill.

Oxalis floribunda, 2-in., fine for vases, \$3.00 per 100. Centaurea gymnocarpa, 2-in., April 1, \$2.00 per 100.
Jos. H. Cunningham, Delaware, O.

Stocks, white or mixed, double, 2-in., \$1.50 per 100. Lobelia, rooted cuttings, \$1.00 per 100.
S. Whitton, 15-17 Gray Ave., Utica, N. Y.

Before ordering any goods anywhere send in your list for lowest guaranteed prices.
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Blue spirea, 2-in., \$2.50 per 100.
Roney Bros., West Grove, Pa.

Sansevieria zeylanica, 10c.
H. Steinmetz, Raleigh, N. C.

Cobaea Scandens, 2½-in., \$2.00 per 100. Cash.
Geo. L. Miller, Newark, Ohio.

CANE STAKES.

Cane stakes. I can furnish them. Write for prices.
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For five dollars we will send you 1000 fancy ferns, 1000 hardy ferns, 100 leucothoe sprays and 1000 of both colored galax leaves. H. M. Robinson & Co., 32, 34, 36 Court Square, Boston, Mass.

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Hardy cut ferns. To reduce stock, will sell good fancy cut ferns at 65 cts., C. O. D., in lots of 5000 or more, until April 1st. S. R. Johnson, Shutesbury, Mass.

Hardy cut ferns and laurel leaves at 50c per 100. The Roleta Nursery Co., Horace Perry, proprietor, Roleta, Tenn.

Prepared Tropical Palms and Cycas leaves. Send for catalogue.
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Write for quotations on your wants to McKellar & Winterson, 45, 47, 49 Wabash Ave., Chicago.

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Red Towers Brand Bone Meal for florists. 100 lb. bag, \$1.75; 200 lb. bag, \$3.25; ¼ ton, \$7.50; ½ ton, \$14.50; 1 ton, \$28.00. F. O. B. Bridgenort, Conn. Also Odorless Lawn Dressing. Terms, cash with order. Red Towers Greenhouses, Hackensack, N. J.

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Headquarters for cocoa fibre, sheep manure, bone all grades, imported soot, sphagnum and green moss, rustic work, all kinds, Clay's fertilizer, Dunne & Co., 50 West 30th st., New York. Horticultural supplies.

Bone meal made for my own use and for other florists who want a good article. Try a bag and be convinced. \$3.50 per 200-lb. bag; \$35.00 per ton. Albert M. Herr, Lancaster, Pa.

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Galax leaves, \$1.00 per 1000.
L. B. Brague, Hinsdale, Mass.

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John Lucas & Co., Philadelphia.

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Greenhouse Glass. Wood Glass Co., 226 N. Salina St., Syracuse, N. Y.

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TOBACCO STEMS, the good, strong kind only, 60 cts per 100 lbs.; bales 450 lbs.

TOBACCO DUST, the black stuff, 2 cts per lb.; 50 to 1000 lbs.

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"Rose Leaf" Extract of Tobacco Insecticide, the best and by far the cheapest all-round insecticide on the market. For sale by seedsmen. For free pamphlet write The Kentucky Tobacco Product Company, Louisville, Ky., successors to Louisville Spirit Cured Tobacco Co.

Tobacco stems, \$1.00 per 100 lbs. Tobacco dust, \$2.50 per 100 lbs. Rose Leaf Extract of Tobacco, Nikoteen, Nicomite. Send for prices on large quantities.
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Nikoteen. Does not injure the most sensitive plants. Endorsed by prominent florists. Used for fumigation or spraying, indoors or out. 200 lbs. of tobacco in one pint of Nikoteen. Sold by seedsmen. Circular free.
Skabcura Dip Co., Chicago.

INSECTICIDES-Continued.

TOBACCO STEMS, the good, strong kind only, 60 cts per 100 lbs.; bales 450 lbs.

TOBACCO DUST, the black stuff, 2 cts per lb.; 50 to 1000 lbs.

H. A. Stoothoff,
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Nicomite (patent) Vapor Insecticide. A certain killer of insect pests. Sold by seedsmen. Tobacco Warehousing and Trading Co., Louisville, Ky.

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KELLER BROS., 213-15-17-19-21-23 Pearl St., Norristown, Pa. Manufacturers of standard flower pots, red in color, equal to the best on the market; are 16 miles from Philadelphia, best of railroad connections. We give special attention to mail orders and make special sizes to order in quantities. A postal will bring prices and discounts.

Standard Pots. We are now ready to supply a superior quality of Pots in unlimited quantities. Catalogues and price-lists furnished on application.

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Standard Flower Pots. If your greenhouses are within 500 miles of the Capitol, write us; we can save you money. W. H. Ernest, 28th and M Sts., N. E., Washington, D. C.

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Standard Flower Pots. If you need pots write for our prices before you order. We guarantee safe delivery. Wilmer Cope & Bro., Lincoln University, Chester Co., Pa.

Standard Flower Pots of superior quality, in large or small quantities. Factory, Chaska, Minn. Address Greiner & Corning, 301 Pioneer Press bldg., St. Paul, Minn.

Red Standard Pots, wide bottoms, well burned and porous. Reduced prices.

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Better than ever. Send for Price List.

Syracuse Pottery Co., Syracuse, N. Y.

Flower pots and vases, by barrel or carlots. Sizes from 2 to 20 inches.

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For the best Plant Tubs, address Mann Bros., 6 Wabash Ave., Chicago.

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We are headquarters for Sphagnum. Just received several carloads.

Per bale, \$1.00.

Six bales, \$5.00.

Ten bales, \$7.50.

Write for prices on large quantities.

McKellar & Winterson, 45, 47, 49 Wabash Ave., Chicago.

We gather our moss and it is the best to be had. Bales, 4½ feet long, 18 inches wide and 20 inches deep, weighing when well dried 40 lbs, 50 cents per bale; 10 bales, \$7.00. Green moss, \$1.00 per bbl.

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Sphagnum moss, 75c per bbl.

L. B. Bague, Hinsdale, Mass.

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C. A. Kuehn, 1122 Pine St., St. Louis, Mo., manufacturer of the Patent Wire Clamp Floral Designs. A full line of supplies always on hand. Write for catalogue.

We are Headquarters for Wire Work. McKellar & Winterson, 45, 47, 49 Wabash Ave., Chicago.

Reed & Keller, 122 W. 25th St., New York, Manufacturers of Wire Designs.

MILWAUKEE.

At a recent bowling match two teams of florists rolled up the following scores:

TEAM NO. 1.

			Tot.
Kennedy	141	120	163 424
Pollworth	179	170	169 518
Holton	162	148	123 433
Simpson	98	120	152 370
Gregory	104	130	116 350
Dahn	127	113	91 331
	811	801	814 2426

TEAM NO. 2.

			Tot.
Zwiefel	144	144	127 415
Hunkel	140	152	165 457
Zimmermann	173	153	141 467
Mathias	157	100	93 360
Wagner	159	154	145 458
Blind	141	95	146 382
	914	798	817 2529

WANT ADVERTISEMENTS.

Advertisements under this head 10 cents a line, an average of seven words to the line.

WANTED IMMEDIATELY—If in your vicinity there be a private gardener or a grower, you can earn money easily selling Tobacco Dust and Tobacco Whale Oil Soap. Write for particulars. H. A. Stoothoff, 116 West Street, N. Y. City.

FOR SALE—Sectional steam and hot water boiler, as good as new. For prices and particulars address Hopp & Lemke, Paul P. O., East Grand Rapids, Mich.

FOR SALE—Four-inch cast iron greenhouse pipe, 5 feet lengths, F. O. B., 15c per foot; in good order. Indianapolis Flower and Plant Co., Indianapolis, Ind.

SITUATION WANTED—Young man wants a situation in greenhouse or nursery. Roscoe C. Hinkle, Millersburg, Pa.

SITUATION WANTED—To take charge of commercial place, Illinois or Ohio preferred. Grower of roses, carnations, etc. Thoroughly competent and sober, age 32, single, wages \$30.00 per month and board. A reliable man in a good place. Address Reliable, care of Florists' Review.

WANTED—A practical florist for small commercial greenhouse. 3949 Indiana Ave., Chicago.

WANTED—To buy or rent—range of greenhouses in or near Chicago. Give location and particulars. Address B. M., care of Florists' Review.

WANTED—An experienced propagator as an assistant, must give good reference, \$40.00 per month for first year. Address at once Greene & Underhill, Watertown, N. Y.

For Sale. My Greenhouses, etc. About 6,000 feet of glass. A good retail trade.

Terms easy. Address JACOB RAIFSTANGER, Great Barrington, Mass.

LANDSCAPE ENGINEER.

Plans for Gardens and Parks Drawn to Order, India ink or water color. Business advice in floriculture and horticulture. F. A. H., 500 33rd Avenue, Denver, Colo.

FOR SALE GREENHOUSE PLANT, established retail trade, well stocked, in fine condition. Good reasons for selling. For particulars, address,

GEORGE KENDALL, Muncie, Ind.

Mention The Review when you write.



HITCHINGS & CO.

233 MERCER ST. NEW YORK

GREENHOUSE BUILDERS

Hot Water Boilers, Pipes, Fittings, and Ventilating Apparatus. Send Four Cents for Catalogue.

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THE R. W. POWERS MARKET GARDEN,

consisting of 8½ acres, choice land, four greenhouses, large house and barn; built on honor and for own use; sickness compels change. An elegant place for any one wishing a choice country home; three railroads give access to New York and other large city markets.

Write CHAPMAN & CHAPMAN,
ONEIDA, N. Y.

FOR SALE.

Owing to the death of Aloys Mueller, a most thorough florist, his entire business, situated in New Brunswick, N. J., must be disposed of. There are twenty-four city lots under cultivation, upon which are the hothouses and other buildings, together with private dwelling, that are necessary for the successful carrying on of the business. The place is in excellent location—trolley lines—stone roads. Terms liberal. Immediate possession. Apply to Executors of Estate of Aloys Mueller, Com. Ave. & Sandford St., New Brunswick, N. J.

FOR SALE.

102 acres of fine land, part cultivated \$2,800
Lot 52x241, four Greenhouses, Sheds, etc. 3,700
½ of an acre, city property, Greenhouses well stocked, fine condition, bargain... 3,700
Lot 100x125, five Greenhouses stocked, fine dwelling..... 4,800
25 acres; good shipping center, Southwest, fine Orchards of pears, cherries, etc.... 6,500
60 acres, 38 acres in fruit, six Greenhouses, well established business 7,500
7 acres, seven Greenhouses, land highly cultivated, large dwelling 9,500

Any of the above named properties is a bargain and those desiring to purchase will do well to communicate with us. These are only a few of the properties that we have for sale and leasing.

SMITH & SMITH, 345 Sixth Ave., PITTSBURG, PA.
P. O. Box 869.

Mention The Review when you write.

FOR EASTER.

J. AUSTIN SHAW will select Flowering plants, Novelties or Cut Flowers for out-of-town Florists free of charge, for the Easter trade. Write him immediately at 271 Broadway, New York.

Last Call for 2-year-old KAISERINS, order at once.

COLEUS—Rooted Cuttings and 2-inch stock. Golden Bedder, Yellow Queen and Verschafteltii; also 2-inch Smilax. Write

GEO. A. KUHLE, Pekin, Ill.

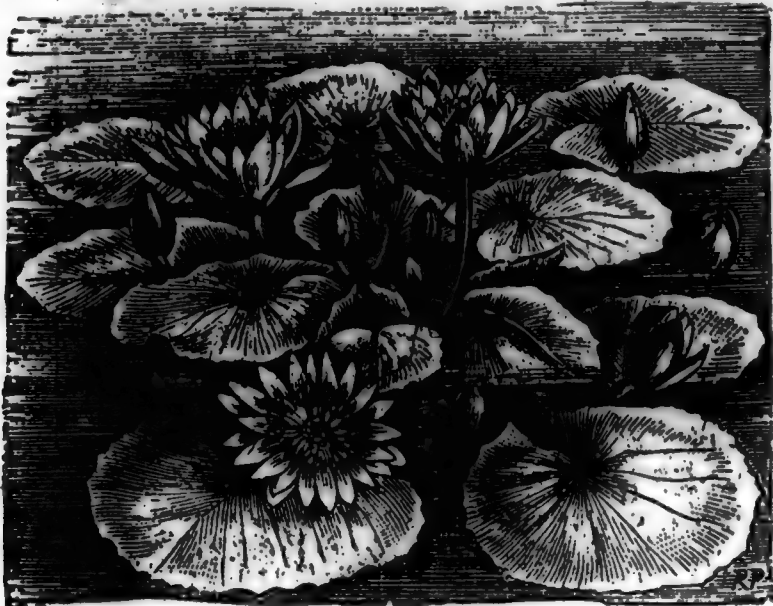
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ROSES... Well established plants from 3-inch pots, average 6 in. high.

Brides	\$8.00 per 100	\$50.00 per 1000
Bridesmaid...	6.00 "	50.00 "
Meteor.....	6.00 "	50.00 "
Perles	6.00 "	50.00 "
American Beauty, 8.00	"	Sample for 10c
Morgans.....	8.00 "	by mail.

W. T. & F. P. BUTZ, - NEW CASTLE, PA.

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NYPHÆA ZANZIBARENSIS.

Water Lilies

We are Headquarters for
WATER LILIES and
Aquatic Plants of all kinds.

SOW NOW seeds of Victorias, Nelumbiums and Nymphaeas. Intending planters will gain a long start and early blooms by procuring dormant tubers of the tender Nymphaeas now, and starting same indoors, thus securing strong plants for planting at proper season, and also save the expense of heavy express charges. We shall be pleased to furnish estimates, and our specialist, Mr. Wm. Tricker, will be glad to offer practical suggestions to those intending planting either large or small ponds.

HENRY A. DREER,
714 Chestnut Street,PHILADELPHIA.

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New York Market-Florists' Association.

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696 Garfield Avenue, Jersey City, N. J.

CLINTON MARKET,
Canal and Spring Streets,
NEW YORK.

Market Opened March 24,

For the sale of
Pot Plants, Bedding Stock,
Vegetable Plants and General
Greenhouse Products.

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25,000 Coleus Cuttings

See our "Ad." of March 22, 1900, page 481.

WRITE US AT ONCE.

GREENE & UNDERHILL, - - WATERTOWN, N. Y.

Winter Flowering Roses....

CRAFTED AND ON THEIR OWN ROOTS.

—SEND FOR OUR PRICES—

J. L. DILLON, - - - - Bloomsburg, Pa.

THEY LIKE THE REVIEW.

The best paper for the trade.

JOHN J. KELLEY.

Valley Falls, R. I.

I am so well pleased with the Review that I feel we cannot get along without it. I wish you the best of success, which you thoroughly deserve.
Sedalia, Mo. JAS. GELVEN.

The Review is ALL RIGHT.

Parsons, Kan. WM. J. WERT.

Would be sorry not to get The Review, as it is a great help to anyone in our line, and many of the articles are worth more than the subscription.
Quebec. WM. PENNEY.

I would as soon think of getting along without The Review as I would of getting along without a boiler to heat my greenhouses. I read it with a great deal of pleasure and profit.
Adams, Mass. T. D. BROWN.

Your paper is all right, and is always a welcome visitor to our table.

BEACH & CHESSMAN.

Richmond, Ind.

HUNDREDS of Florists are using our Pulverizers. You can regulate it. Send for list of testimonials.



Patent allowed February 27, 1900.

No. 1, \$5.00;

No. 2, \$10.00;

No. 3, \$20.00

THE FLORISTS' SUPPLY CO.,

North Tonawanda, N. Y.

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CANTON GARDEN PLOW



THREE SHOVELS AND RAKE ATTACHMENT.

WEIGHT, 20 POUNDS

A SURE SELLER

Thousands Are In Use

PARLIN & ORENDORFF CO.

Largest and oldest permanently established Plow Factory in America.

CANTON, - - - - ILLINOIS.

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Florists' Review

When Writing Advertisers.

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FOR ADVS.

FOR OUR

Special Spring Number

TO BE ISSUED

NEXT WEEK.

Advs. must reach us by the morning of WEDNESDAY, APRIL 4th, at the very latest, to be in time.

NOW READY. New Pink Chrysanthemum

MISS FLORENCE E. DENZER.

Certificated by the C. S. A., Dec. 21, '99.

The latest Mum. Blooms for Christmas. See cut in Florists' Review of Dec. 21, 1899. Rooted cuttings, \$8 per 100; from 2 1/2-in. pots, \$10 per 100.
A. C. ZVOLANEK, Summit Av., West Hoboken, N. J.

Mention The Review when you write.

THE FLORISTS' REVIEW

G. L. GRANT, EDITOR AND MANAGER.

PUBLISHED EVERY THURSDAY BY

THE FLORISTS' PUBLISHING CO.

520-535 Canton Building, Chicago.

334 Dearborn Street.

Subscription, \$1.00 a year. To Europe, \$2.00. Subscriptions accepted from those in the trade only.

Advertising rates: Per inch, \$1.00; 1/4 page, \$13.50; full page, \$27.00. Discounts: 6 times, 5 per cent; 12 times, 10 per cent; 24 times, 20 per cent; 48 times, 30 per cent. Discounts allowed only on consecutive insertions. Only strictly trade advertising accepted. Advertisements must reach us by Tuesday to insure insertion in the issue of the following Thursday.

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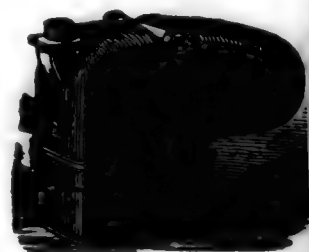
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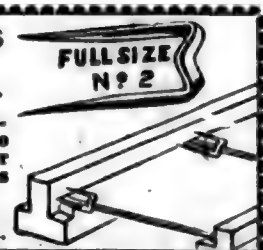
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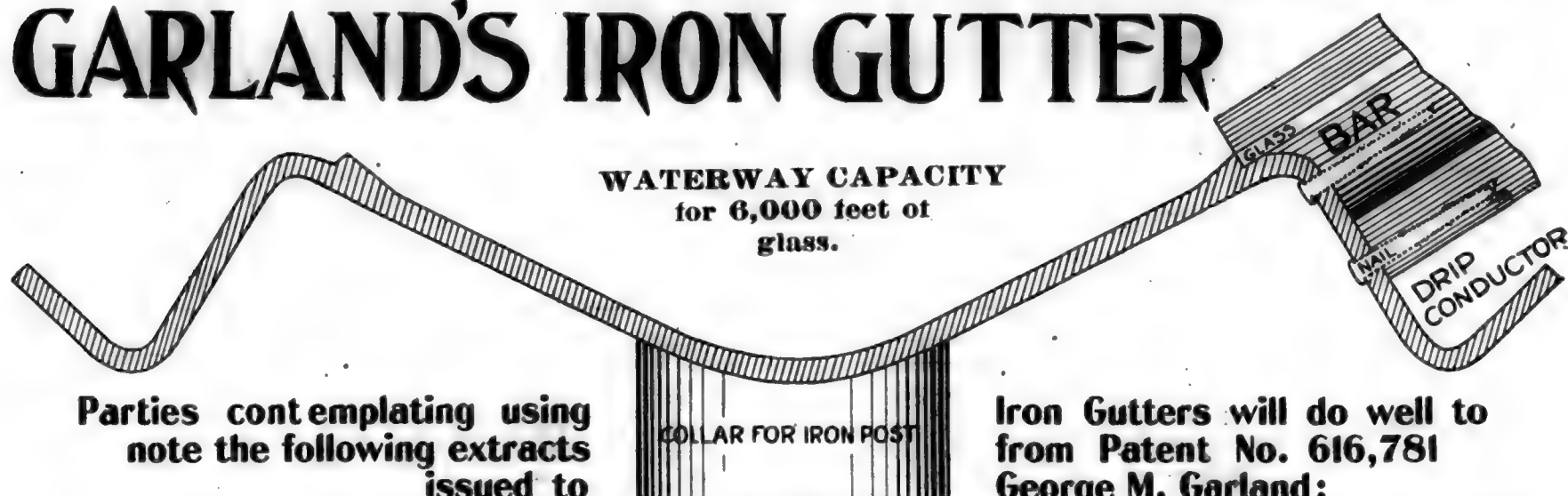
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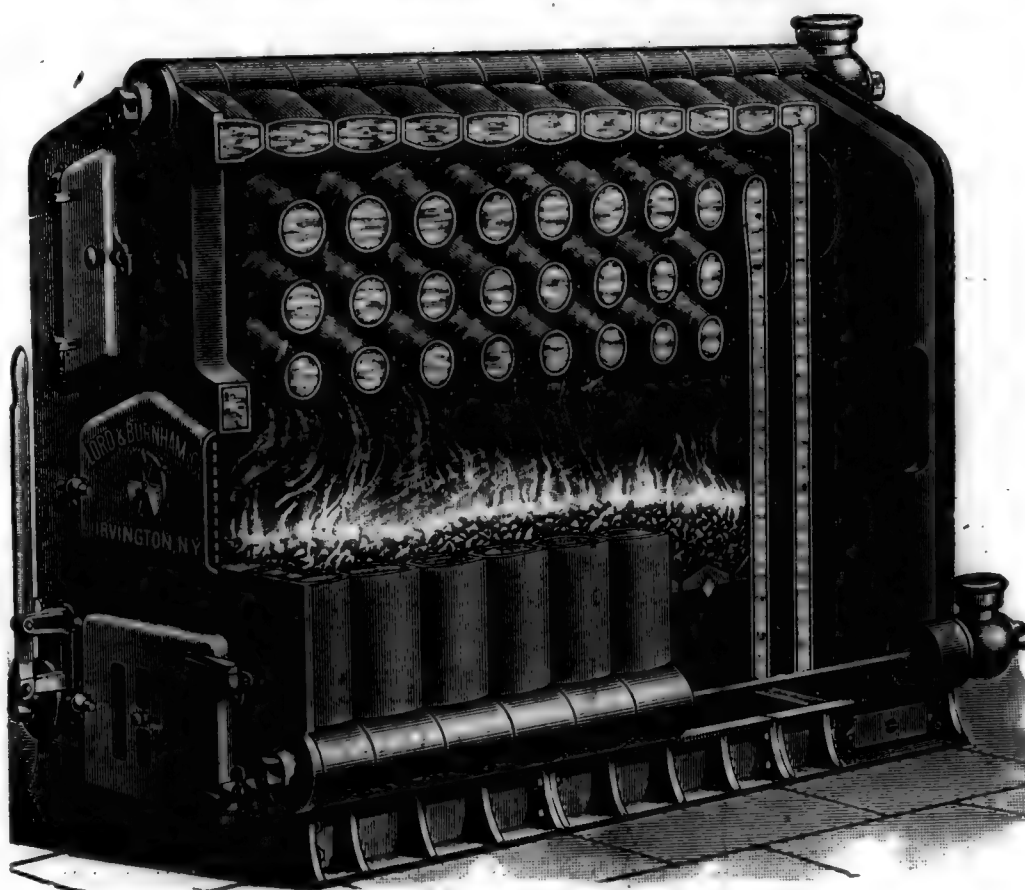
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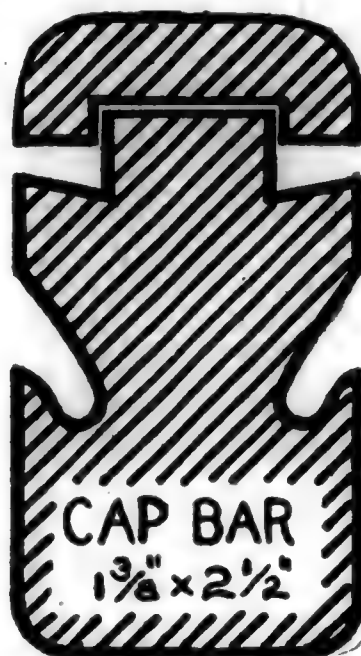
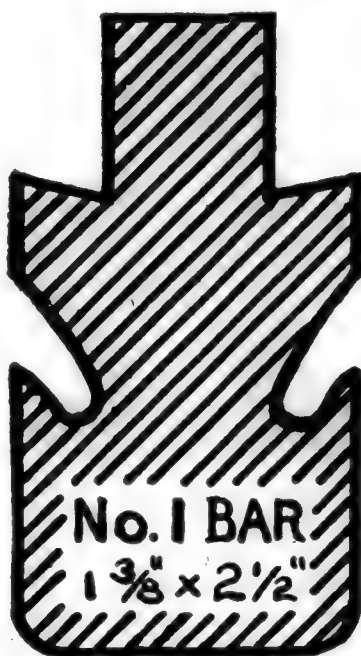
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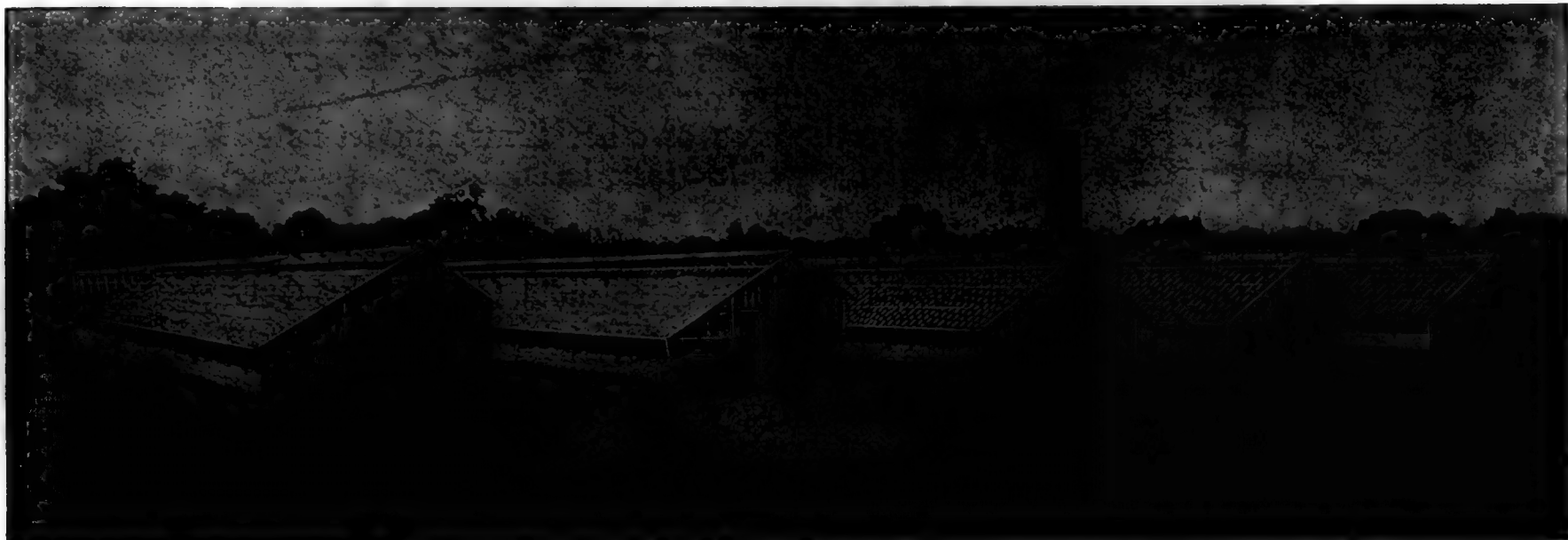
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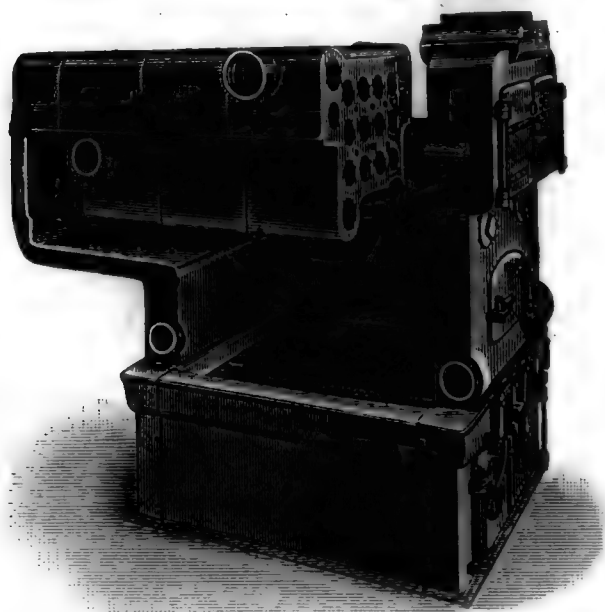
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Represents Quality of Stock Listed below.

25,000 2½-inch **Roses**, no finer stock grown. Brides, Perles, Meteors and Maids, \$3.00 per 100. Kaiserin and Golden Gate, \$4.00 per 100. Guaranteed satisfactory in every respect.

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Mammoth Verbenas, 20th Century collection. Rooted Cuttings all sold. Strong 2-inch, ready May 1st, \$2.00 per 100; \$20.00 per 1000.

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Alyssum, strong 2-inch, 2 cents.

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Ageratum, Princess Pauline, the only one to grow, \$1.00 per 100. Extra strong, 2½-inch, full of Cuttings, \$3.50 per 100.

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Fuchsias, 10 leading sorts, \$1.00 per 100; strong 2½-in., 3c; strong 2-in., 2½c.

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Lobelia, (trailing) indispensable for baskets, etc., strong, 2-inch, \$2.00; strong rooted cuttings, \$1.00 per 100.

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Marguerites, New California Giant White. rooted cuttings, \$1.00 per 100; strong, 2½-in., \$2.50 per 100, New Golden, same price, rooted cuttings and pot plants.

Our wholesale descriptive list of Specialties mailed on application. Terms, strictly cash with order. Small packages by mail.

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Paris Daisy. Best large White, always salable. Per 100, rooted cuttings, strong, \$1.00; 2½-inch, \$2.00; 3-inch in bloom for Easter, \$3.00. Per 100

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Currants—Red Dutch, the best bearer and the best fruit as tested with a dozen later introductions. Good large stock ready to bear. You have room for a few dozen. Any number of samples by express or freight at 5c each; per 1000, \$45.00.

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...NOW ON HAND...

H. P. ROSES, fine strong stock, in the leading market varieties, \$10 per 100; \$80 per 1000.

AZALEA MOLLIS, dwarf, very large, heavily budded, \$35 and \$45 per 100. Standards, extra fine, heavily budded, \$75 per 100.

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TUBEROUS ROOTED BEGONIAS, extra selected, in separate colors, single, \$25 per 1000; \$3 per 100. Double, \$40 per 1000; \$5 per 100.

CYCAS REVOLUTA, the true long-leaved variety, will be on hand during April and I shall be pleased to book orders now as long as stock is unsold. Prices are for either large or small stems. 100 lbs., \$10; 250 lbs., \$20; 500 lbs., \$37.50; 1000 lbs., \$75.

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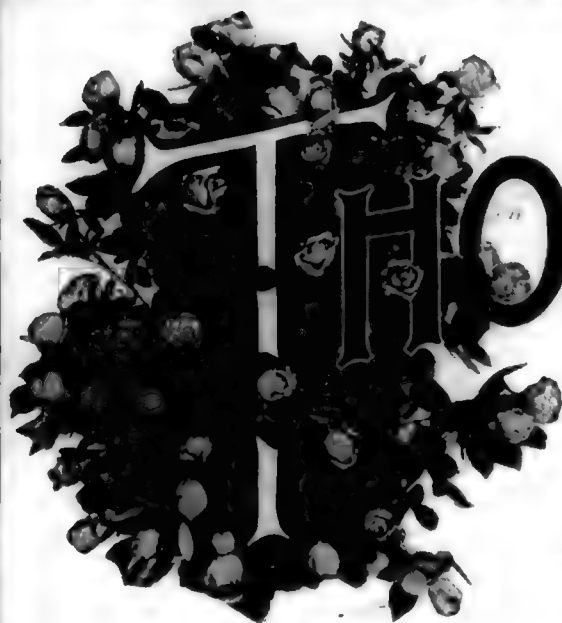
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EASTER Specialties.

GARDENIA Flowers, CUT OR
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FINE HYBRID PERPETUAL ROSES.

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IMPORTERS AND MANUFACTURERS OF

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PREPARING FOR EASTER.

Ribbons, Bows and Baskets.

"There's nothing new under the sun," isn't always correct, but it very nearly happens to be so at present in regards to new effects in ribbons, bows or baskets. In these as in most other things people look for or insist on having something different each season and in consequence designers struggle hard to supply this demand; the result is that we see many curious things offered as "new," which we would not deign to notice at all only for the fact that they are labeled as "new." A ribbon may have an extra stripe, gloss a different web, or some other item in manufacture which technically constitutes its claim to novelty and which will suffice to appease the demand of the milliner, but it is the color of the material that appeals most to the florist.

In this regard we are always advancing. Colorists are accomplishing wonders in the way of producing correct floral colors, and where a few years ago it was utterly impossible to match many flowers with ribbon, 'tisn't so now if you care to take the trouble to find out where to purchase. Perhaps the glib-tongued salesman and the easily influenced florist are responsible for many of the funny things we see. Many a florist store today has its

little ribbon case filled with impossible colors or grotesque designs, and we are sorry to have to say that anything "goes" with some, it doesn't matter so long as it's the "latest." Last year we had all kinds of print and figure effects, and some awful things were seen on baskets and plants; we may yet see some of these outrages committed but we are glad to state they will not be the popular fancy this year. Either pastel or solid colors will prevail. Some very beautiful soft tones are obtainable.

Pink, about the same shade as Mrs. Jas. Dean carnation, will be the most popular color this spring. Celestial blue will also be in demand. Ribbons to the florist are an expensive luxury. Only the few, comparatively speaking, can afford to carry an extensive stock, but all can and should be careful of the colors, which is of more importance than quality. Velvets are too expensive, satins are not correct, figured patterns are inappropriate. The best ribbons for the florist today are taffeta silks; that is, of course, for general use. For extra fine work, velvets, the new Pann, or corded, silks should be used. There are times when the common colors can be picked up cheaply at special sales, but a visit to the wholesale dealers or manufacturers once in a while will repay you.

To be up-to-date you must appear to have plenty of everything, but you

need not use things foolishly. In the near future when we will have more perfection in flower and plant there will be less use for ribbons. In the past, as it is today, florists were and are compelled to use embellishments with some flowers in order to make them appear of more value. Beauty unadorned is always the most exquisite, and as the world advances this will be more generally recognized. The use of pot baskets, crepe papers and ribbons would be greatly lessened if we had better or cleaner plant pots, but inasmuch as retailers and growers will always haggle over prices this desirable end will ever appear in the distance.

We have always been opposed to the indiscriminate or over-lavish use of ribbons, and will venture to say that there will be many a plant sent out this Easter which would look better without the "dress" or "artistic bow" or "sash" you will insist on inflicting it with. It isn't always necessary to do the things we do sometimes, and extremes are seldom satisfactory. A good plant in a clean pot, or a pot basket, if you wish to enrich it, rarely needs any further fixings.

You can have no excuse for any messalliance in colors; if you cannot exactly match the flower, be careful that you use one that will not destroy harmony. A good contrast is the next best thing to exact reproduction, but it is dangerous to do this with flowers; there are occasions when dominant colors, such as white or lavenders, are somewhat sombre and appear all the better for a touch of other colors; for instance, blue with the former and yellow with the latter. Red and greens, light and dark ambers, light amber and heliotrope, light amber and light coral, light amber and apple green, dark amber and violet, dark amber and moss green, apple green and moss green, apple green and light coral, apple green and apricot, light terra cotta and dark terra cotta, light and dark blush pink, light and dark coral, light coral and light blue, moss green and gold, cream and gold, pink and green, and so on.

The combinations in colors are largely a matter of individual taste. You will not have need for the exercise of much mixtures unless it be with the trimming of bulb stock, and after all you will not find any more pleasing than decided tones which either match foliage or flower.

As regards bows, there's nothing specially new; the rosette and single loop styles will be most popular; small sprigs of flowers are used among the loops of the former and the latter is mostly to appear as a "tie bow." Very broad ribbons will be fashionable because they look richer and give a more prosperous effect. You know even the poorest try to hide poverty, and it's better, anyhow, to have your presents look as rich as possible. When you cut ribbons, don't take a triangular bite out of the ends; that's bad taste;

just cut the ends slant both the same way.

Some will have ribbons with "Easter Greetings" on the ends, and there will be short bows of gauze or taffeta ribbons tied across fancy or special boxes of cut flowers; it is often foolish, but some women, and men, too, imagine it is a little chic or extra finish, and appreciate it.

Silk tasseled cords will also be used instead of common twine, and remember where such things are adopted they are merely tied with a bow across the box. It is a very common thing to see rose stems sticking out of the ends of boxes; they are delivered so even from the best houses; the ends of valuable boxes are cut to accommodate stems which could be kept inside the box if they were reversed. It is not the proper way to deliver flowers. Try to have your boxes long enough; they need scarcely ever be longer than 36 or 40 inches; roses longer than that are more often a nuisance than a necessity, especially in a house.

Now, in regard to crepe paper, please

Then again, this over-dressing is the cause of many a plant's untimely death; many people are afraid to water the plant for fear of destroying the papers and ribbons, and the consequence is that a day or so in a hot room settles the poor plant. This gives but little pleasure or satisfaction and, if anything, injures the plant trade.

There are some who don't care—their vision is limited to the present; their ambition is to make all they can out of everything. Considerable of this is justified as the world of today goes, but it is necessary that some, and we fear as far as the florists' trade is concerned they will have to be the majority, who will have to be careful and have their best eye on what will most advance business.

An immense quantity of baskets will be used this Easter. Very high-handled ones seem to lead, and though tins are a protection against damage by water to carpets and furniture, yet they will not be bothered with this year as formerly. This time it is get the thing up as cheaply as you can, and if you

been cut in the garden and brought in to the house in the gardener's old basket, you are more apt to please than if it is too apparent that you have labored to destroy the natural aspect.

The world of art and refinement dearly loves antiquity, because much of it is far more beautiful than the moderns. To be sure, there always was and will be those who love the gaudy; let them have it by all means; it would be bad to limit either color or taste, but don't try to give the dose to refinement, for it will injure somewhere.

Natural birch bark baskets are very pretty; so are the birch and green luffa; white willow, and green rush baskets are coming into favor again; the trouble with some stock is that it is too finely finished, a more rustic or home-made appearance would suit best. A common bushel basket of roses or mixed flowers may look far better than your fancy celluloid affair.

Small plants, such as primroses, pansies, forgetmenots, etc., will look best in low, oval or round baskets. A bit of ribbon on the side handle will make it look a little festive. Small and delicate vases or knick-knacks are more a nuisance than anything else when you're busy, so avoid them. A good tall vase or two may come in handy for a bunch of long stem roses; it's a part of the business we should not neglect. No matter if you have a cheap class of trade, try to have something extra large in the way of flowering plants; you'll probably sell it, or it will pay you in many ways you may not see all at once.

Send out a neat invitation to all the prominent people in your district to come and see your Easter display; don't begrudge a few dollars in this way, and if you have a booklet on the care of plants, or merely a leaflet instructing customers on the watering of plants, it will be appreciated.

Easter Plants.

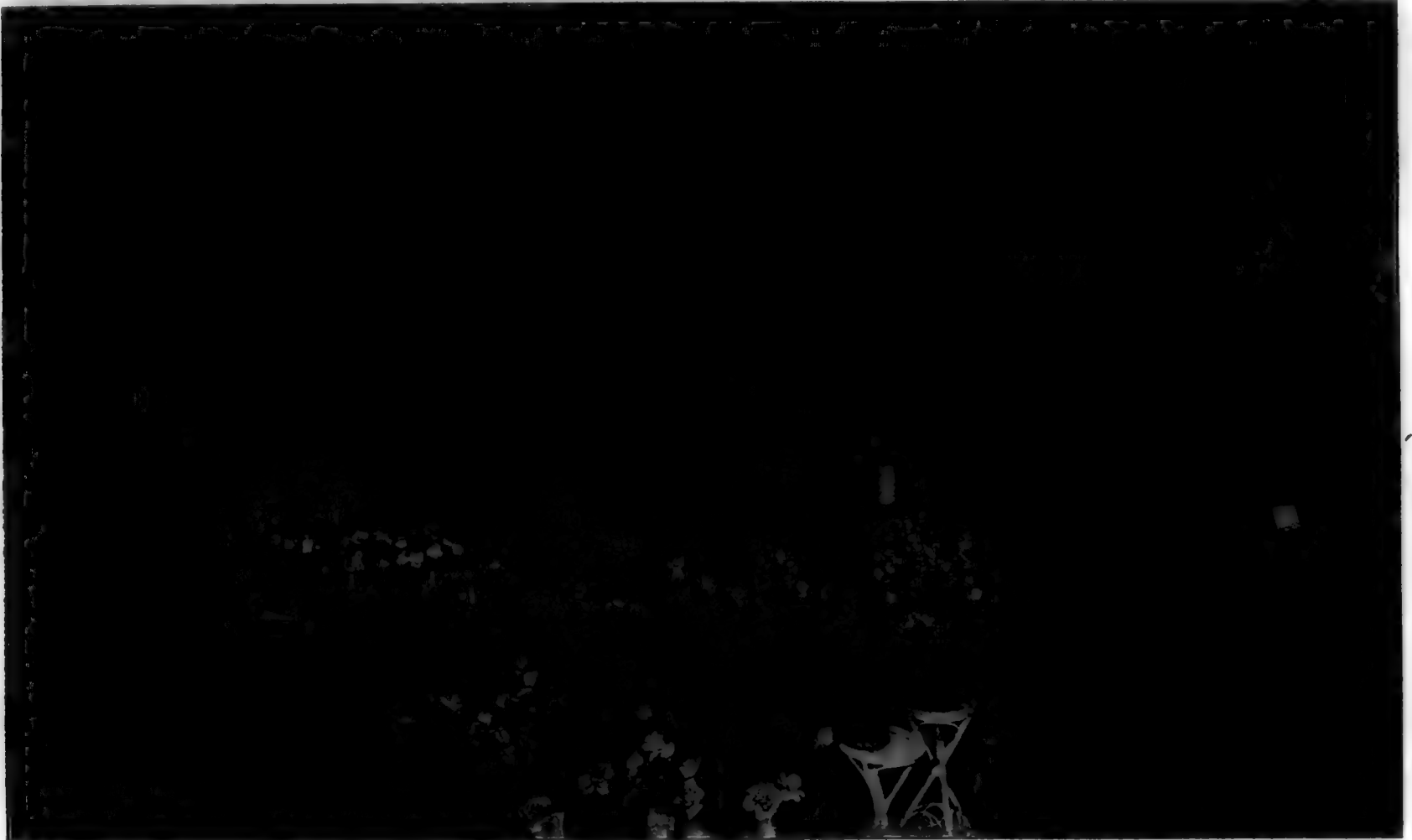
The nearer we get to Easter, of course, the better we can see what condition stock will be in, though in a country so extensive and varied in climate as ours it is difficult to generalize. It is queer that though Easter is unusually late this year, there are thousands of lilies which will not be opened enough to sell, and a great many more which for various reasons will not be fit to offer. Many small growers have been almost ruined by the failure of their lilies, and don't be surprised if a share of the poor quality which abounds is seen among your stock. Most of the lilies will be very stunted, and though there are lots of them, we think there will be a greater run on other varieties of plants. Dutch hyacinths, and for that matter all manner of bulbous stock, seem to be far below the average quality. This promises much harm to the bulb trade for next season; a poor florist cannot afford to work for nothing and lose all these times.



The Silver Cups offered at the exhibition of the American Rose Society, New York.

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General View of the Exhibition of the American Rose Society, New York.

Well, dear reader, the quality of flowering plants offered this year is very good and the prices are reasonable. The prospects are very bright, and it merely depends on yourself and the weather as to the size of your sales. The trouble with our trade is that we cannot control the elements; if Friday and Saturday are wet days it means ruin to many, but inasmuch as we cannot help such things but must endure what comes, it is not wise to fret over it. Make sure that you are going to have as good an assortment and as fine a display as your brother down the street. You will do better if you save on frills. A plant delivered in good condition is a far better advertisement for you than a silly contrivance in paper.

A most important question with every florist now is how to make sufficient room to display his goods; the best you can do is to clear everything not required out of the store, and, if necessary, make step-benches by the use of a few boards and supports which can be got at any lumber yard for a trifle; a dollar or two spent in this way will save you much. The trouble is with many florists they are cent wise and dollar foolish, and instead of spending a few cents preparing for a creditable exhibition, they will put themselves to lots of inconvenience, tilt their plants up on empty flower pots and boxes, and show their lack of taste and foresight in numerous other ways.

In most cases it is necessary to ar-

range Easter stock very close together, but you will find that the plant you elevate or single out in a way to show all its beauty will generally be the first sold, because the customer can see it to best advantage; thus it is good to fix a few fine specimens so. Don't have your plants too formally arranged. We prefer not to have the plants marked with prices written on wooden labels and stuck in the pot, for the reason that these labels are usually left by mistake in the pot and delivered so. Just imagine some friend sending you a present and the first thing you see is the price tag; even if you know to a cent what the thing is worth you don't want it shown; there's a certain amount of humiliation about this that florists should be careful to avoid; the fact of our being busy doesn't justify mistakes, which can be avoided by our not preparing to make them. Where there is intelligent help in the store there is no cause to bother pricing your plants; the good people prefer to have a man wait on them who can tell them at a glance what a plant is worth. The man who has to fumble for a price tag is but a novice and banishes confidence; the people like to deal with a man who knows his business—you do too.

There are numerous little things you can prepare now. Wire a lot of tags and have some with a pad in your pocket, ready to mark a plant as you sell it, putting "Saturday" or "Sunday" on the back of the tag, according to

when the plant is ordered delivered. There is usually considerable trouble over cards. Have some rubber bands, wrap them in the original order sheet and put them all in a box so that you can prepare them later. It is the proper thing to attach your cards and tags to the plants with a piece of narrow ribbon. Wire looks bad, but then it's better to be correct in address and the cards than to be fancy in finish. If you hire any extra help of the kind that knows nothing about plants or flowers have them where they will not come in contact with and drive away your customers.

The matter of delivery of plants is a vexing one, and the value of a cool-headed, quick shipping clerk cannot be overestimated. If you must have messengers or express men, insist on having clean and neatly dressed ones. Although it is most desirable to have plants delivered on Sunday morning, it is often impossible to do so; induce your customers to have them sent on Saturday afternoon and evening, this will give you more chance to attend to cut flower sales on Sunday.

Although it is good to make a special window display this week, care should be used not to put your best plants where people cannot get near them. If a plant impedes a person's way they will notice it more than if it were some distance away; by this we don't mean to have you entirely block the path, just spread the plants, and above all give them lots of water.

Everyone is on the hunt for new

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range Easter stock very close together, but you will find that the plant you elevate or single out in a way to show all its beauty will generally be the first sold, because the customer can see it to best advantage; thus it is good to fix a few fine specimens so. Don't have your plants too formally arranged. We prefer not to have the plants marked with prices written on wooden labels and stuck in the pot, for the reason that these labels are usually left by mistake in the pot and delivered so. Just imagine some friend sending you a present and the first thing you see is the price tag; even if you know to a cent what the thing is worth you don't want it shown; there's a certain amount of humiliation about this that florists should be careful to avoid; the fact of our being busy doesn't justify mistakes, which can be avoided by our not preparing to make them. Where there is intelligent help in the store there is no cause to bother pricing your plants; the good people prefer to have a man wait on them who can tell them at a glance what a plant is worth. The man who has to fumble for a price tag is but a novice and banishes confidence; the people like to deal with a man who knows his business—you do too.

There are numerous little things you can prepare now. Wire a lot of tags and have some with a pad in your pocket, ready to mark a plant as you sell it, putting "Saturday" or "Sunday" on the back of the tag, according to

when the plant is ordered delivered. There is usually considerable trouble over cards. Have some rubber bands, wrap them in the original order sheet and put them all in a box so that you can prepare them later. It is the proper thing to attach your cards and tags to the plants with a piece of narrow ribbon. Wire looks bad, but then it's better to be correct in address and the cards than to be fancy in finish. If you hire any extra help of the kind that knows nothing about plants or flowers have them where they will not come in contact with and drive away your customers.

The matter of delivery of plants is a vexing one, and the value of a cool-headed, quick shipping clerk cannot be overestimated. If you must have messengers or express men, insist on having clean and neatly dressed ones. Although it is most desirable to have plants delivered on Sunday morning, it is often impossible to do so; induce your customers to have them sent on Saturday afternoon and evening, this will give you more chance to attend to cut flower sales on Sunday.

Although it is good to make a special window display this week, care should be used not to put your best plants where people cannot get near them. If a plant impedes a person's way they will notice it more than if it were some distance away; by this we don't mean to have you entirely block the path, just spread the plants, and above all give them lots of water.

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flowers or novelties in making up, but it's mostly a futile chase. Be content with having good, well grown stock, 'tis nearly always better than "new things." We have several "schools" in the retail flower business just the same as they have in painting. There's the "Natural" and the "Artificial." We advocate the "Natural," because there is more beauty and more profit in it.

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A grave mistake was made in holding the exhibition in such a place as the Eden Musee, but it is not likely to occur again. The men who would not hesitate to speculate thousands of dollars on some business venture should not be afraid to hold the national rose show in the finest place obtainable. That the exhibition of 1901 will also be held in New York City is a matter for congratulation, because the wealthy people of the metropolis are anxious to assist in making the event memorable.

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Many remarkable things occurred at this exhibition. It was most forcibly demonstrated that finer roses were being grown in other states than this. Philadelphia, Utica and Toronto did nobly, and Messrs. Dunlop, Myers & Samtman, Heacock, Dorrance and others from a distance deserve special credit for their grand displays. Nor must we ignore the claims of those nearer home. Ernst G. Asmus did more than any other man to make the show a success. He staged no less than 29 varieties for the Hill vase. Among these were many old favorites and new seedlings and sports. His exhibit for the Thorley cup was a marvel of splendor, and his magnificent new rose Liberty won every heart. We, ourselves, had instructions from this gentleman to spare no expense in making the show a success. A Liberty cap was made containing 550 short stemmed Liberty roses, a Liberty tree 12 feet in height and containing 200 long stemmed Liberty roses, and as for the mirror and mantel decorations we leave that for another time; suffice it to say that Mr. Asmus exhibited no less than five thousand roses at this show.

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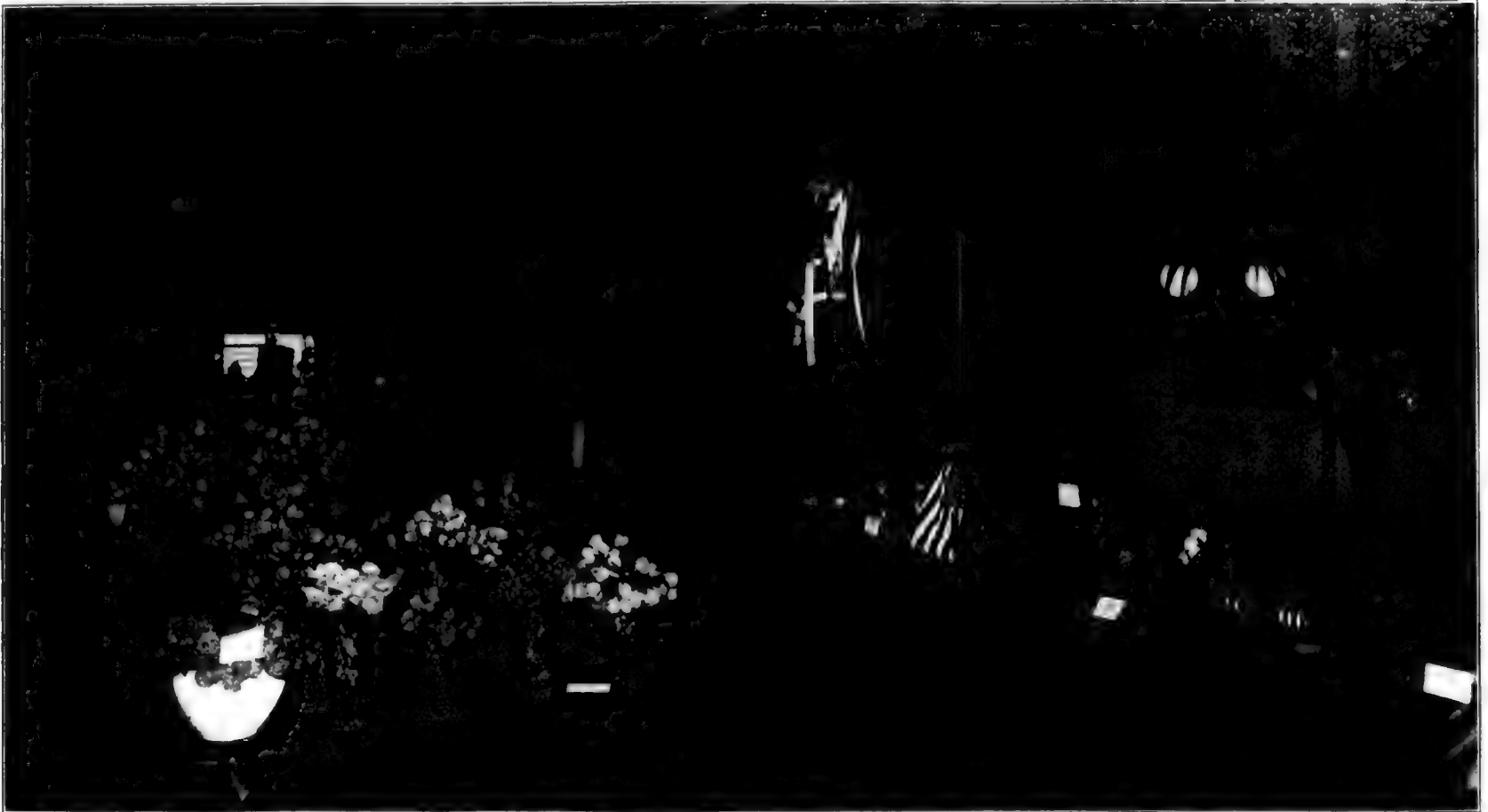
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the back of any man. A gang of three or four should always be at it and it goes with a snap and a vim and a cheerfulness that lightens the drudgery. I have keenly enjoyed myself in days past running along a bench with a barrow full of soil, but like the bowling game I am better now at telling where they ought to be hit.

WM. SCOTT.

THE QUEEN OF EDGELY.

This is the name of the new rose that originated four years ago as a sport of the American Beauty at the

nurseries of The Floral Exchange, Edgely, Pa., and which has been under careful observation ever since.

It is identical with American Beauty except in color, which approaches that of Mme. Testout. The flowers are from five to seven inches across when expanded and the stems run up to eight feet in length. The rose will be distributed in March, 1901.

At the exhibition of the American Rose Society in New York last week it was given a certificate of merit as it was a newcomer and had no competitor and could not enter the prize lists.

MISCELLANEOUS SEASONABLE HINTS.

Easter Crops.

In many establishments little else will be thought of now but the Easter crops. And little can be said that can help you very much. The weather with us continues dull, but I never saw weather to suit everybody, and while you may pray for sun to bring out your lilies you may still welcome dull weather, for it will save your azaleas.

Remember one important fact: do not put plants suddenly into a cold house from a strong heat unless they are fully in bloom. Nearly all plants will keep many days in a cool, shady house. And in the case of lilies they are all the better for your customers when they have been hardened off, and so are most things, notably Crimson Ramblers, which hang in perfection a long time after being fully out.

What I am going to say seems unnecessary, but yet you see places where the stock is scattered all over the place. Some few customers like to wander through a dozen houses and profess to be so fond of flowers, or perhaps it is "posies," but they are not your buying customers; they are only the visitors; your good patrons like to see your display as quickly as possible, make their selection and be off. The old lady who tells you that her Leopard plant is better than any of yours, or that she has a beefsteak geranium that was sent from Washington, is more welcome about the Fourth of July.

So make one of your houses a show house where there is a group of everything that you have to offer, and nothing on that bench but what is slick and gorgeous. Don't try to make your benches a medley of everything, however artistic it may be. That style is

all right in a private place or botanic gardens, but quite out of order in a commercial place. Have blocks of stuff so that you can quickly say, "Any of these are one dollar, that lot is two dollars," and so on. A greenhouse can be as gay as a florist's shop window and far more of it and the most of the visitors will think your whole place is as full of bloom as the hundred foot house they see.

I must again impress on you how much it will facilitate business to have a bench in another house where all orders or plants selected can, whenever possible, be looked out and labeled. Thursday's delivery should be looked out on Wednesday, and Friday's on Thursday, and kept entirely distinct, and so on. If you have any executive ability about you Easter is the time when its exercise will help you out. Nothing should be left undone that must eventually be done. Pots should be washed and instead of setting them back on sand or ashes they can be set on coarse paper. If you should wash a few pots that don't sell it will not be a great loss.

The freak or fad of crepe paper is now in such general use that it is no good kicking, and it is so much in use that the man or firm who does not use it will not be in favor. Properly used it most assuredly greatly adds to the attractiveness of the plants and we don't wait now to be asked to put it on, but every plant gets this cheap decoration. Don't let every man with dirty hands be bothering with the crepe, but let some one of nimble fingers and a little taste be allotted that job. When once practiced at it, it will go as quickly as a bank teller handles the long green.

I don't care what time of year it is or how warm, a plant should never go out without some wrapping paper round the pot, and a little way up the plant. The absence of it looks crude and reminds one too much of a seven-year-old Philipino. Once more be prepared for a rush, for you will have it, and with the greatest of care and system there is confusion enough.

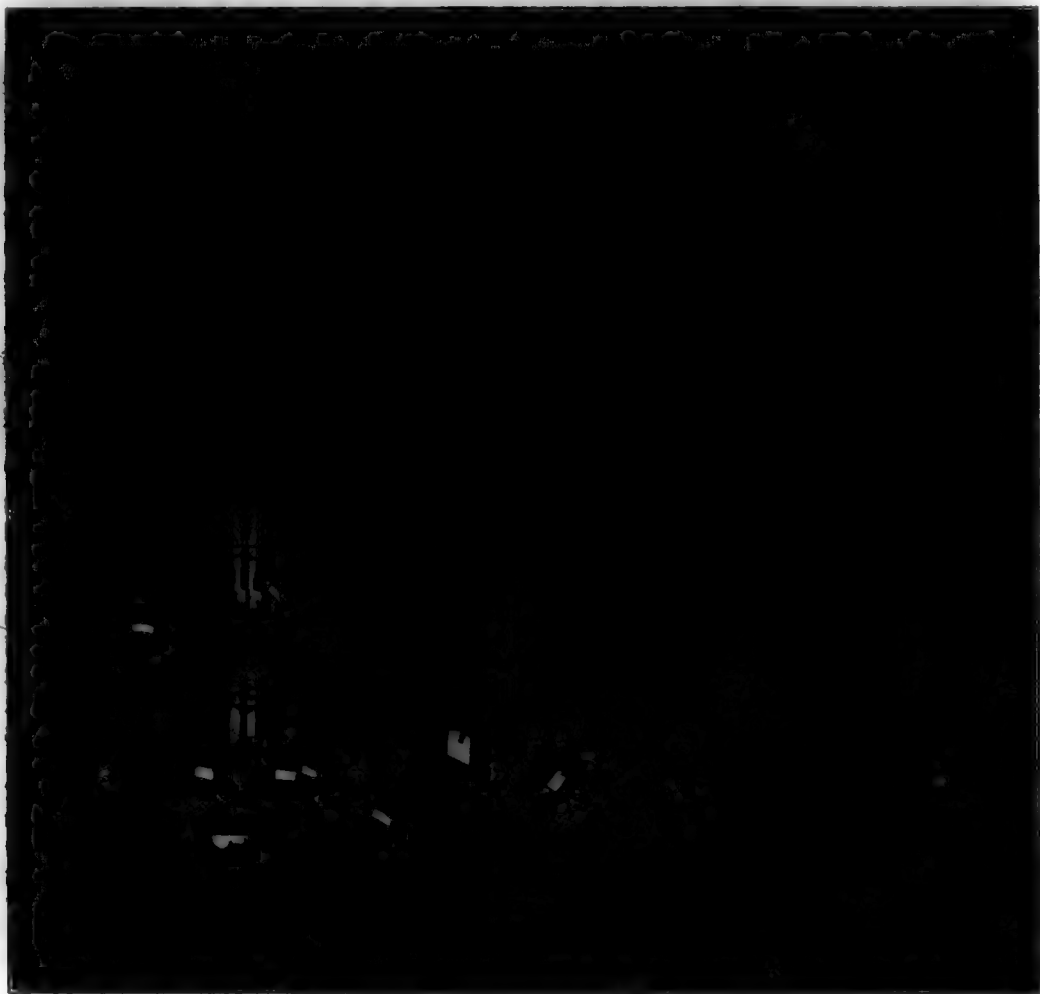
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the back of any man. A gang of three or four should always be at it and it goes with a snap and a vim and a cheerfulness that lightens the drudgery. I have keenly enjoyed myself in days past running along a bench with a barrow full of soil, but like the bowling game I am better now at telling where they ought to be hit.

WM. SCOTT.

THE QUEEN OF EDGELY.

This is the name of the new rose that originated four years ago as a sport of the American Beauty at the

nurseries of The Floral Exchange, Edgely, Pa., and which has been under careful observation ever since.

It is identical with American Beauty except in color, which approaches that of Mme. Testout. The flowers are from five to seven inches across when expanded and the stems run up to eight feet in length. The rose will be distributed in March, 1901.

At the exhibition of the American Rose Society in New York last week it was given a certificate of merit as it was a newcomer and had no competitor and could not enter the prize lists.



Easter Crops.

In many establishments little else will be thought of now but the Easter crops. And little can be said that can help you very much. The weather with us continues dull, but I never saw weather to suit everybody, and while you may pray for sun to bring out your lilies you may still welcome dull weather, for it will save your azaleas.

Remember one important fact: do not put plants suddenly into a cold house from a strong heat unless they are fully in bloom. Nearly all plants will keep many days in a cool, shady house. And in the case of lilies they are all the better for your customers when they have been hardened off, and so are most things, notably Crimson Ramblers, which hang in perfection a long time after being fully out.

What I am going to say seems unnecessary, but yet you see places where the stock is scattered all over the place. Some few customers like to wander through a dozen houses and profess to be so fond of flowers, or perhaps it is "posies," but they are not your buying customers; they are only the visitors; your good patrons like to see your display as quickly as possible, make their selection and be off. The old lady who tells you that her Leopard plant is better than any of yours, or that she has a beefsteak geranium that was sent from Washington, is more welcome about the Fourth of July.

So make one of your houses a show house where there is a group of everything that you have to offer, and nothing on that bench but what is slick and gorgeous. Don't try to make your benches a medley of everything, however artistic it may be. That style is

all right in a private place or botanic gardens, but quite out of order in a commercial place. Have blocks of stuff so that you can quickly say, "Any of these are one dollar, that lot is two dollars," and so on. A greenhouse can be as gay as a florist's shop window and far more of it and the most of the visitors will think your whole place is as full of bloom as the hundred foot house they see.

I must again impress on you how much it will facilitate business to have a bench in another house where all orders or plants selected can, whenever possible, be looked out and labeled. Thursday's delivery should be looked out on Wednesday, and Friday's on Thursday, and kept entirely distinct, and so on. If you have any executive ability about you Easter is the time when its exercise will help you out. Nothing should be left undone that must eventually be done. Pots should be washed and instead of setting them back on sand or ashes they can be set on coarse paper. If you should wash a few pots that don't sell it will not be a great loss.

The freak or fad of crepe paper is now in such general use that it is no good kicking, and it is so much in use that the man or firm who does not use it will not be in favor. Properly used it most assuredly greatly adds to the attractiveness of the plants and we don't wait now to be asked to put it on, but every plant gets this cheap decoration. Don't let every man with dirty hands be bothering with the crepe, but let some one of nimble fingers and a little taste be allotted that job. When once practiced at it, it will go as quickly as a bank teller handles the long green.

I don't care what time of year it is or how warm, a plant should never go out without some wrapping paper round the pot, and a little way up the plant. The absence of it looks crude and reminds one too much of a seven-year-old Philipino. Once more be prepared for a rush, for you will have it, and with the greatest of care and system there is confusion enough.

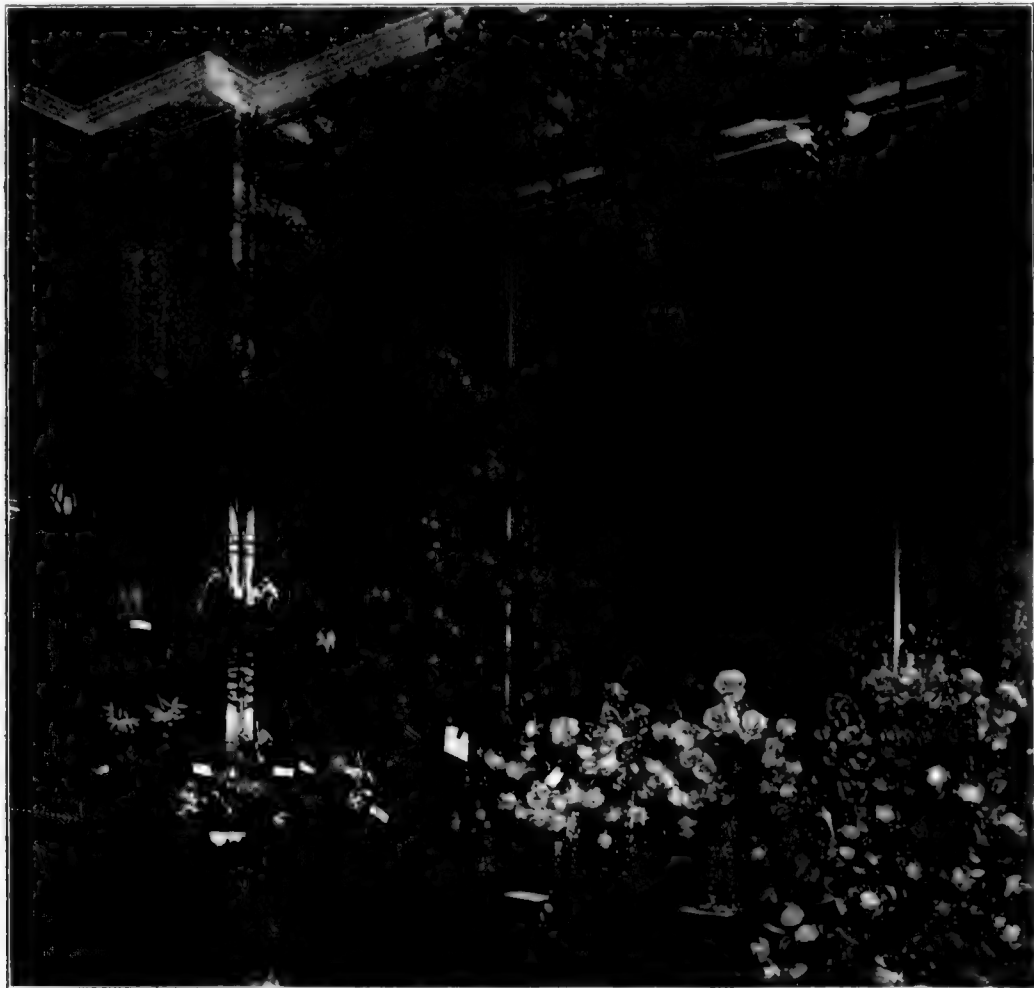
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His new stock is from seed sown last December and the little plants are now

in 2½-inch pots, about ready to shift into 3½ or 4 inch from which they will be planted out early in June. It is an easy plant to handle and when bedded out makes a big show at small expense.

Florists wishing to offer something new in foliage effects to their customers would find this a very satisfactory plant for the purpose. It is often listed as *Papyrus antiquorum*.



THE CHRYSANTHEMUM.

[Paper read before the Tarrytown Horticultural Society, March 29, 1900, by Jas. T. Scott, House of Refuge, Randall's Island, N. Y.]

In considering the chrysanthemum it would be well for us to carry our fancies back to the autumn, to the time of their perfection. This is the particular season that the chrysanthemum student balances his notes, compares theories with results or vice versa, stores up for himself new ideas, rearranges his next year's lists and culls out the weaklings. The survival of the fittest is inevitable. There is no use growing a host of synonyms. Better grow say two or three dozen of one or two varieties than have fifty to one hundred varieties with the half of them poor.

The autumn is a good time for the beginner to arm himself with a note book, if he be alert he will find enough at one or two chrysanthemum exhibitions to supply the necessary information regarding varieties. The old hand ought to know the capacity of his place, know at this time the number of plants he will grow again, and while the actual demonstration is before his eyes he ought to make a memorandum of the number of each variety that he intends to grow next year.

I once heard a gardener say "That the man who introduced the chrysanthemum ought to be stoned," for, he said, "They are a whole year's trouble." We do not all think with that poor mortal, yet his remark suggests a truth, i. e., that we must give to them a whole year's care. Do not get disgusted when you have cut your flowers, think of the old stools and your next year's stock. Keep your old plants in a cool place and give them plenty of light; by a cool place I do not mean to put them in cold storage, or a place that is continually below the freezing point, although five or six degrees of frost occasionally will do them no harm. A dormant grapery, a peach house, or violet house, any place where the temperature averages from forty to thirty-two degrees. Give them an occasional hosing over head, and do not let them suffer for want of water.

For cuttings use medium wood. Very

thick pithy wood is not always satisfactory, and by no means use weak, spindly material. Chrysanthemums root readily in the ordinary propagating bed, or in small pots. Propagation may commence in January and continue on till May, according to the system of culture to be practiced. January, and even earlier, is a good time to propagate for bush plants, but for bench culture May is time enough. There are many opinions as to the best time to propagate the general collection. I have tried (and have seen tried) several dates, but all through would recommend the latter part of March or the beginning of April.

When well rooted the young plants may be potted in 2½-inch pots, in a moderately heavy soil, not too rich, and placed on the side benches of a violet or carnation house, or any place in fact where they are near the glass, get plenty of air, and are kept at a moderate temperature.

I have found it a good plan about the month of April, after the first and second potting, to put the young plants in a cold frame (being always careful to exclude frost, but give abundance of air all day and when the nights grow warmer at night also). I have also found it good to have about two inches of fresh horse manure put in the bottom of the frames, and about two inches of coal ashes on the top of it. This insures good drainage, and the little ammonia arising from the manure gives the leaves a healthy green color. The main point at this time, however, is not to rush growth, either by feeding or high temperature. Keep your plants stubby and short.

About the middle or first week of May we always make a point of cutting back the general collection. In cutting back never make a rule of cutting so many inches from the pot. It is never advisable to cut back to hard wood, if this be done the plants usually break weak. The points you cut off if put in the sand bed make excellent material for benches.

After cutting back, the plant will not require so much water for a few days, so be sure and pay particular attention to this. If the plants are syringed

overhead in the afternoon, and the frame kept somewhat closer, the breaking away will be considerably helped.

Each plant will break away, making perhaps four to six shoots, and now is the time to determine how many flowers are to be grown upon each plant. I leave the commercial man to answer this for himself, he knows the quality that suits his trade best, and the price he is likely to receive, but for private gardeners where competition or a home display is aimed, I should advise only two shoots to a 7 or 8 inch pot, and one for a 6-inch pot.

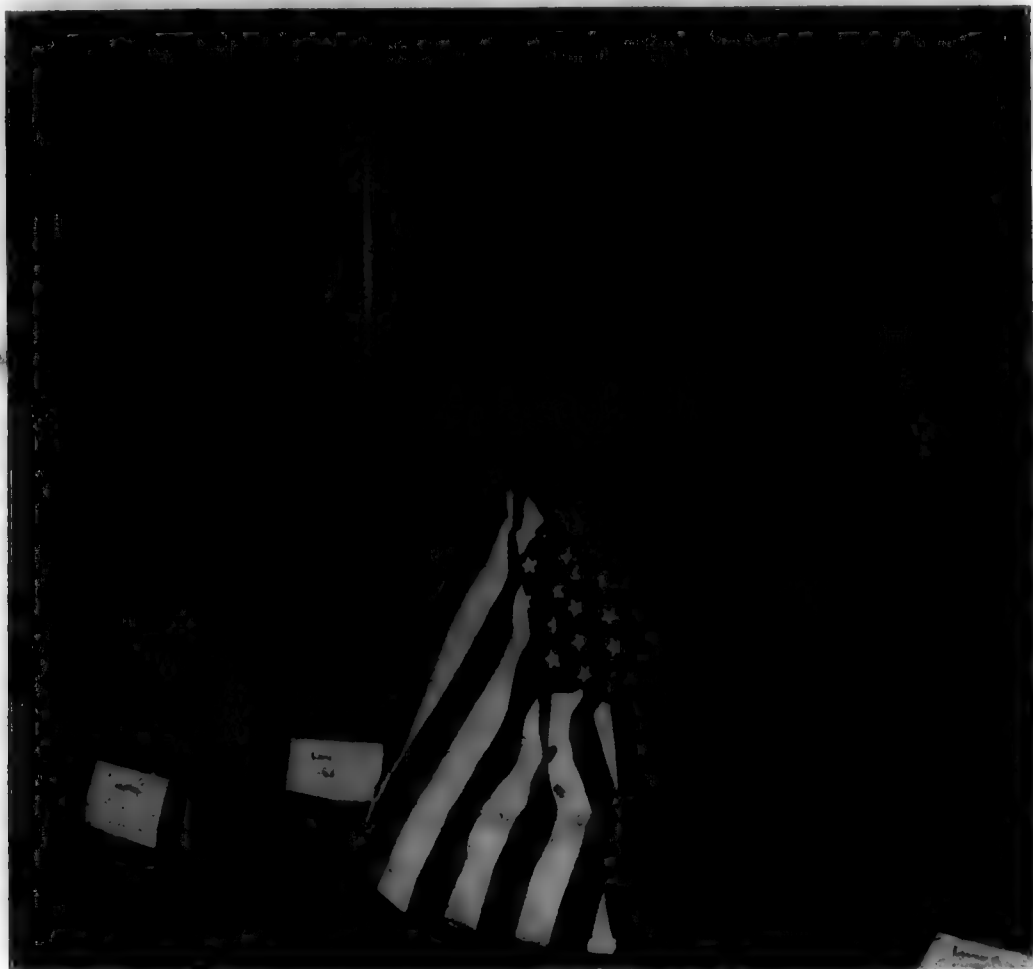
Now as to the final potting; I believe that more depends upon the physical nature of the soil than upon anything else. Many believe in adding so many bones, so much fish manure or guano, and so on. This is all rubbish—see to your soil's friability, or tenacity first, then look after the chemical constituents; chrysanthemums require a moderately heavy soil, and great judgment must be exercised.

In preparing a compost get at it early. The fall of the year is the ideal time, but if not done get at it right away. It is perhaps superfluous to say get your turf from as old a pasture as you have at hand. If your turf be of a heavy clay nature do as follows: lay down one layer of turf, grassy side under, spread on that a small quantity of horse manure, some bone meal and a few handfuls of air slacked lime. If your turf be of a gritty or sandy nature use cow's manure, say one part manure to five or six of turf, add some bone meal and a very little lime. Conjure up in your mind's eye an ideal soil, i. e., physically, and if you cannot get it ready made endeavor by every means to make it.

After such a compost has lain for two or three months it ought to be ready for use. Commence at one end and cut down the pile with a sharp spade, but by no means make it too fine. The idea of sifting soil for potting purposes is too old fashioned to need condemnation, but let me emphasize the fact that roots need air, or in other words oxygen, in large quantities. When a soil is too fine it is impossible for such to permeate freely. The old fashioned idea of adding leaf mould to all composts so far contracted this evil but leaf mould is unnecessary provided your compost be rightly constituted.

The plants ought to be ready for their final shift about the end of May or beginning of June. Drain your pots well, and ram the soil firm; it is important that chrysanthemums be firmly potted, otherwise the growth will be soft and pithy. Large pots are an encumbrance and unnecessary, 8-inch pots are big enough for exhibition blooms done as I have stated and 6-inch pots grown to single stem and bloom usually give excellent results.

Another important matter. Are your plants to be grown indoors all summer or outside? There are many who lack facilities for indoor culture. Many



The Liberty Cap of Liberty Roses at the exhibition of the American Rose Society, New York.

can spare a grapery in the fall to flower the plants in, yet can't afford house room during the summer months. Before the dreaded disease, commonly known as "Rust" made its appearance, outside culture during the summer months was possible; it is almost useless trying the outdoor system now. Indoors your plants are more under your control, the atmosphere can be kept dry or moist at will and this is the most important factor in battling with the disease. If the plants be watered during the morning or forenoon, and the house dry by night, there will be little need to resort to Bordeaux mixture or any other fungicide. Apart from the question of disease, however, indoor culture is preferable as giving the best result all through, the foliage is always superior, and I believe on the whole they are less trouble. Any house that has been used for bedding plants, or winter vegetables, and which will not be needed before the flowering season is over makes a good place.

Different pests may prove troublesome during the summer months, but a few tobacco stems thrown around every now and then will keep them in check.

Attention will have to be given very frequently during the summer months to tying and disbudding; neglect in this respect is the cause of many failures.

The taking of the bud is perhaps the most momentous question of all, and so long as new varieties are being introduced, it will remain an unsolved one. I don't think any hard and fast

rule can be laid down regarding bud taking, speaking generally, however, I should say, that all varieties inclined to be thin should be taken on the crown bud and varieties that are more compact should be taken on the terminal bud. There are types that do well on either bud, and it is a matter of taste which you desire to select. The crown bud invariably gives larger blooms but not always so good a form. Most of the Chinese varieties are best on the terminals, the flowers being more globular, and incurving. In fact, many make a point of taking all incurved varieties on the terminal bud.

Concerning color, most of the white and yellow varieties are very little influenced by either bud in this respect, but all pink varieties (Mrs E. G. Hill perhaps excepted) give better color on the late bud. In fact Vivand-Morel and several others come almost white if taken on the early bud, although the color is usually best on the terminal bud. Again flowers taken on the crown bud are invariably bare of foliage at the neck, but the stem in most cases is stronger. Crown buds require a higher temperature than terminals and a much longer time to develop. Flowers taken on the crown bud show a larger percentage of rough blooms.

The taking of crown buds may commence about August 25th and for terminals about the second week of September. It is a great mistake to commence the taking of buds too early, rough blooms are invariably the result. Many think that by taking the buds early they will have early flowers, this

also is a delusion. I have taken buds as early as August 20th and buds taken September 15th were in flower before them.

Feeding: This is looked upon by many, in fact by nearly all, as the one great necessity in procuring exhibition bloom. "What do you feed with?" is the all-absorbing question. It is important, of course it is, but it is usually overdone. Too rich a compost to begin with and early feeding are the cause of more sickly looking plants than poverty. If your soil contained the usual amount of constituents, the plants ought to get along without any other assistance until the middle or end of July. Be sure your pots are full of roots first, before you stagnate the soil with chemicals. Be on your guard, however, do not have the plants showing visible signs of weakness before you stimulate them. Plants can stand more feeding after the buds are taken, especially after terminals are taken. Apply any of the ordinary liquid manures such as chicken or sheep manure that has been steeped in a tank or barrel or the washings from the cow or horse stable; dilute freely and graduate the dose, do not stick to one form all the time, alternate every week.

After the buds are taken use some nitrate of soda, about a 3-inch pot full to 50 gallons of water; give this about once a week. Just before the flowers show color use liquid sulphate of ammonia, about the same quantity as advised for nitrate of soda.

When the flowers begin to show color, feeding should be stopped, especially on all dark varieties and Mrs. H. Weeks; some are benefited by small applications of sulphate of ammonia until they are nearly fully out.

COST OF HEATING.

A subscriber asks: "How much coal would it take to heat a greenhouse to a night temperature of 50 degrees, size of house 60 ft. long, 20 ft. wide, 16 at ridge, 5 ft. sides (3 ft. wood and 2 ft. glass)? Boiler Hitchings, No. 16, which is situated 36 ft. away from nearest part of greenhouse in a warm cellar. Location, Western New York."

There are several things to consider before you could answer this offhand and be at all certain that you had given the right quantity. The house is quite lofty for its width, which means large glass exposure. Exposure or aspect has something to do with it, and more than all the method or plan of heating.

If the boiler is well down and there is a good drop for the return at boiler the circulation will be quick and less coal will be consumed. If the boiler was close to the house and as is usual with Hitchings the back of the boiler projecting into the greenhouse it would be much more economical than being 36 ft. away, for in that distance there would be considerable cooling on both the flow and return.

If the pipes are all bunched together under the benches you do not get the same amount of radiation as if they

the alocasias. The result was that the cyperus overgrew and nearly smothered the alocasias, and he had two magnificent beds of cyperus though rather rough on the alocasias. He will have beds of the cyperus again this year but they will be planted by themselves and strong plants will be placed about three feet apart in the bed.

His new stock is from seed sown last December and the little plants are now

in 2½-inch pots, about ready to shift into 3½ or 4 inch from which they will be planted out early in June. It is an easy plant to handle and when bedded out makes a big show at small expense.

Florists wishing to offer something new in foliage effects to their customers would find this a very satisfactory plant for the purpose. It is often listed as *Papyrus antiquorum*.



THE CHRYSANTHEMUM.

[Paper read before the Tarrytown Horticultural Society, March 29, 1900, by Jas. T. Scott, House of Refuge, Randall's Island, N. Y.]

In considering the chrysanthemum it would be well for us to carry our fancies back to the autumn, to the time of their perfection. This is the particular season that the chrysanthemum student balances his notes, compares theories with results or vice versa, stores up for himself new ideas, rearranges his next year's lists and culls out the weaklings. The survival of the fittest is inevitable. There is no use growing a host of synonyms. Better grow say two or three dozen of one or two varieties than have fifty to one hundred varieties with the half of them poor.

The autumn is a good time for the beginner to arm himself with a note book, if he be alert he will find enough at one or two chrysanthemum exhibitions to supply the necessary information regarding varieties. The old hand ought to know the capacity of his place, know at this time the number of plants he will grow again, and while the actual demonstration is before his eyes he ought to make a memorandum of the number of each variety that he intends to grow next year.

I once heard a gardener say "That the man who introduced the chrysanthemum ought to be stoned," for, he said, "They are a whole year's trouble." We do not all think with that poor mortal, yet his remark suggests a truth, i. e., that we must give to them a whole year's care. Do not get disgusted when you have cut your flowers, think of the old stools and your next year's stock. Keep your old plants in a cool place and give them plenty of light; by a cool place I do not mean to put them in cold storage, or a place that is continually below the freezing point, although five or six degrees of frost occasionally will do them no harm. A dormant grapery, a peach house, or violet house, any place where the temperature averages from forty to thirty-two degrees. Give them an occasional hosing over head, and do not let them suffer for want of water.

For cuttings use medium wood. Very

thick pithy wood is not always satisfactory, and by no means use weak, spindly material. Chrysanthemums root readily in the ordinary propagating bed, or in small pots. Propagation may commence in January and continue on till May, according to the system of culture to be practiced. January, and even earlier, is a good time to propagate for bush plants, but for bench culture May is time enough. There are many opinions as to the best time to propagate the general collection. I have tried (and have seen tried) several dates, but all through would recommend the latter part of March or the beginning of April.

When well rooted the young plants may be potted in 2½-inch pots, in a moderately heavy soil, not too rich, and placed on the side benches of a violet or carnation house, or any place in fact where they are near the glass, get plenty of air, and are kept at a moderate temperature.

I have found it a good plan about the month of April, after the first and second potting, to put the young plants in a cold frame (being always careful to exclude frost, but give abundance of air all day and when the nights grow warmer at night also). I have also found it good to have about two inches of fresh horse manure put in the bottom of the frames, and about two inches of coal ashes on the top of it. This insures good drainage, and the little ammonia arising from the manure gives the leaves a healthy green color. The main point at this time, however, is not to rush growth, either by feeding or high temperature. Keep your plants stubby and short.

About the middle or first week of May we always make a point of cutting back the general collection. In cutting back never make a rule of cutting so many inches from the pot. It is never advisable to cut back to hard wood, if this be done the plants usually break weak. The points you cut off if put in the sand bed make excellent material for benches.

After cutting back, the plant will not require so much water for a few days, so be sure and pay particular attention to this. If the plants are syringed

overhead in the afternoon, and the frame kept somewhat closer, the breaking away will be considerably helped.

Each plant will break away, making perhaps four to six shoots, and now is the time to determine how many flowers are to be grown upon each plant. I leave the commercial man to answer this for himself, he knows the quality that suits his trade best, and the price he is likely to receive, but for private gardeners where competition or a home display is aimed, I should advise only two shoots to a 7 or 8 inch pot, and one for a 6-inch pot.

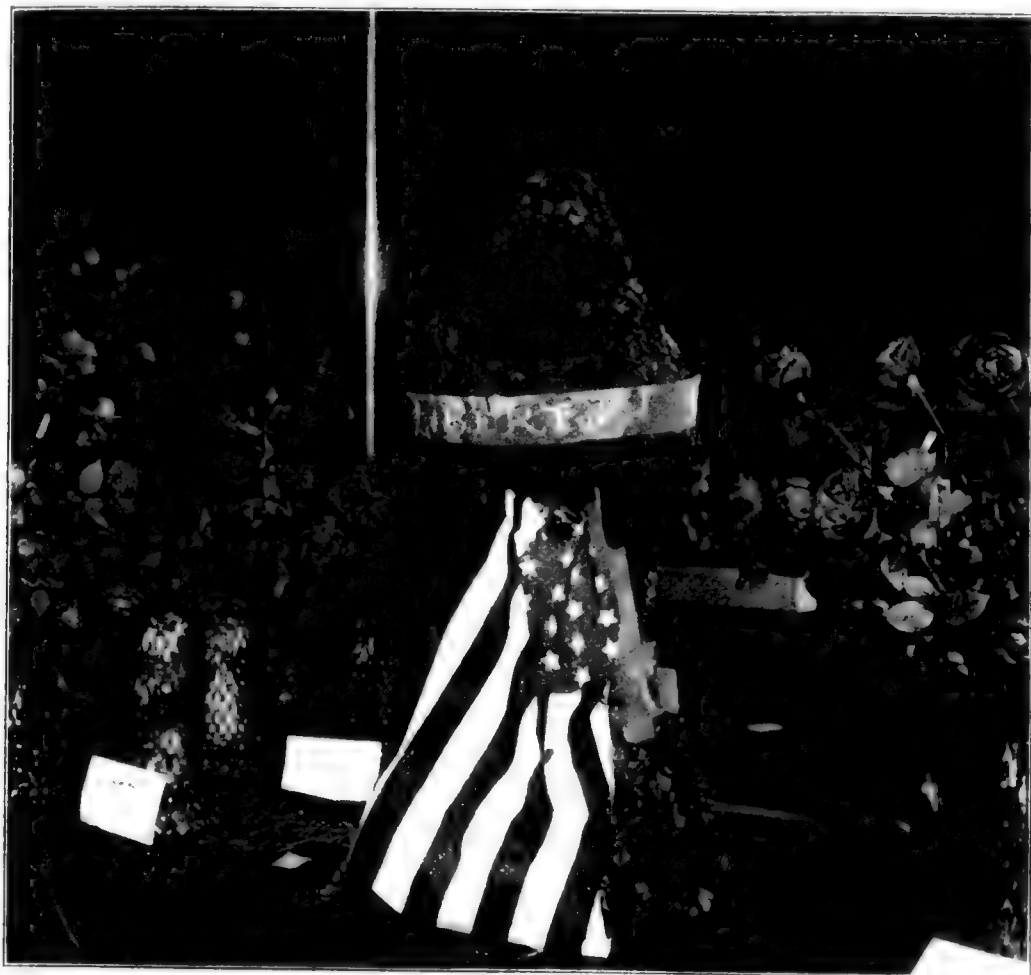
Now as to the final potting; I believe that more depends upon the physical nature of the soil than upon anything else. Many believe in adding so many bones, so much fish manure or guano, and so on. This is all rubbish—see to your soil's friability, or tenacity first, then look after the chemical constituents; chrysanthemums require a moderately heavy soil, and great judgment must be exercised.

In preparing a compost get at it early. The fall of the year is the ideal time, but if not done get at it right away. It is perhaps superfluous to say get your turf from as old a pasture as you have at hand. If your turf be of a heavy clay nature do as follows: lay down one layer of turf, grassy side under, spread on that a small quantity of horse manure, some bone meal and a few handfuls of air slacked lime. If your turf be of a gritty or sandy nature use cow's manure, say one part manure to five or six of turf, add some bone meal and a very little lime. Conjure up in your mind's eye an ideal soil, i. e., physically, and if you cannot get it ready made endeavor by every means to make it.

After such a compost has lain for two or three months it ought to be ready for use. Commence at one end and cut down the pile with a sharp spade, but by no means make it too fine. The idea of sifting soil for potting purposes is too old fashioned to need condemnation, but let me emphasize the fact that roots need air, or in other words oxygen, in large quantities. When a soil is too fine it is impossible for such to permeate freely. The old fashioned idea of adding leaf mould to all composts so far counteracted this evil but leaf mould is unnecessary provided your compost be rightly constituted.

The plants ought to be ready for their final shift about the end of May or beginning of June. Drain your pots well, and ram the soil firm; it is important that chrysanthemums be firmly potted, otherwise the growth will be soft and pithy. Large pots are an encumbrance and unnecessary, 8-inch pots are big enough for exhibition blooms done as I have stated and 6-inch pots grown to single stem and bloom usually give excellent results.

Another important matter. Are your plants to be grown indoors all summer or outside? There are many who lack facilities for indoor culture. Many



The Liberty Cap of Liberty Roses at the exhibition of the American Rose Society, New York.

can spare a graper in the fall to flower the plants in, yet can't afford house room during the summer months. Before the dreaded disease, commonly known as "Rust" made its appearance, outside culture during the summer months was possible; it is almost useless trying the outdoor system now. Indoors your plants are more under your control, the atmosphere can be kept dry or moist at will and this is the most important factor in battling with the disease. If the plants be watered during the morning or forenoon, and the house dry by night, there will be little need to resort to Bordeaux mixture or any other fungicide. Apart from the question of disease, however, indoor culture is preferable as giving the best result all through, the foliage is always superior, and I believe on the whole they are less trouble. Any house that has been used for bedding plants, or winter vegetables, and which will not be needed before the flowering season is over makes a good place.

Different pests may prove troublesome during the summer months, but a few tobacco stems thrown around every now and then will keep them in check.

Attention will have to be given very frequently during the summer months to tying and disbudding; neglect in this respect is the cause of many failures.

The taking of the bud is perhaps the most momentous question of all, and so long as new varieties are being introduced, it will remain an unsolved one. I don't think any hard and fast

rule can be laid down regarding bud taking, speaking generally, however, I should say, that all varieties inclined to be thin should be taken on the crown bud and varieties that are more compact should be taken on the terminal bud. There are types that do well on either bud, and it is a matter of taste which you desire to select. The crown bud invariably gives larger blooms but not always so good a form. Most of the Chinese varieties are best on the terminals, the flowers being more globular, and incurving. In fact, many make a point of taking all incurved varieties on the terminal bud.

Concerning color, most of the white and yellow varieties are very little influenced by either bud in this respect, but all pink varieties (Mrs. E. G. Hill perhaps excepted) give better color on the late bud. In fact Vivian-Morel and several others come almost white if taken on the early bud, although the color is usually best on the terminal bud. Again flowers taken on the crown bud are invariably bare of foliage at the neck, but the stem in most cases is stronger. Crown buds require a higher temperature than terminals and a much longer time to develop. Flowers taken on the crown bud show a larger percentage of rough blooms.

The taking of crown buds may commence about August 25th and for terminals about the second week of September. It is a great mistake to commence the taking of buds too early, rough blooms are invariably the result. Many think that by taking the buds early they will have early flowers, this

also is a delusion. I have taken buds as early as August 20th and buds taken September 15th were in flower before them.

Feeding: This is looked upon by many, in fact by nearly all, as the one great necessity in procuring exhibition bloom. "What do you feed with?" is the all-absorbing question. It is important, of course it is, but it is usually overdone. Too rich a compost to begin with and early feeding are the cause of more sickly looking plants than poverty. If your soil contained the usual amount of constituents, the plants ought to get along without any other assistance until the middle or end of July. Be sure your pots are full of roots first, before you stagnate the soil with chemicals. Be on your guard, however, do not have the plants showing visible signs of weakness before you stimulate them. Plants can stand more feeding after the buds are taken, especially after terminals are taken. Apply any of the ordinary liquid manures such as chicken or sheep manure that has been steeped in a tank or barrel or the washings from the cow or horse stable; dilute freely and graduate the dose, do not stick to one form all the time, alternate every week.

After the buds are taken use some nitrate of soda, about a 3-inch pot full to 50 gallons of water; give this about once a week. Just before the flowers show color use liquid sulphate of ammonia, about the same quantity as advised for nitrate of soda.

When the flowers begin to show color, feeding should be stopped, especially on all dark varieties and Mrs. H. Weeks; some are benefited by small applications of sulphate of ammonia until they are nearly fully out.

COST OF HEATING.

A subscriber asks: "How much coal would it take to heat a greenhouse to a night temperature of 50 degrees, size of house 60 ft. long, 20 ft. wide, 16 at ridge, 5 ft. sides (3 ft. wood and 2 ft. glass)? Boiler Hitchings, No. 16, which is situated 36 ft. away from nearest part of greenhouse in a warm cellar. Location, Western New York."

There are several things to consider before you could answer this offhand and be at all certain that you had given the right quantity. The house is quite lofty for its width, which means large glass exposure. Exposure or aspect has something to do with it, and more than all the method or plan of heating.

If the boiler is well down and there is a good drop for the return at boiler the circulation will be quick and less coal will be consumed. If the boiler was close to the house and as is usual with Hitchings the back of the boiler projecting into the greenhouse it would be much more economical than being 36 ft. away, for in that distance there would be considerable cooling on both the flow and return.

If the pipes are all bunched together under the benches you do not get the same amount of radiation as if they

were more distributed, but where 4-inch pipe are used they cannot be much spread and this is where 2-inch wrought iron pipe has the advantage.

Supposing the house is well built, well piped and an average winter, I would say that 10 to 12 tons of hard coal would heat it for the year.

W. S.

THE BALTIMORE GARDENERS' CLUB.

To the Editor of the Florists' Review:—Few outside of its own membership are interested in the origin of our Baltimore Club; but, as a participant, I put the facts on record. They are identically as narrated by your regular correspondent, Rix. I was a member of the Maryland Horticultural Society's Executive Committee, which, on his solicitation, empowered Mr. Wm. B. Sands to call and arrange for the meeting of practical gardeners from which sprang the club. I approved of, was present at, and took part in, that meeting. I was chairman of the committee which drafted the constitution of the club, and by that document (as may be seen in it) provision was made to keep Mr. Sands (who was then an editor and not a gardener) in the club on account of the services he had rendered—services which (it is needless to say to those who know him) were continued for years on its behalf in many directions until, from considerations of self-respect, he lately resigned (as I did myself) from its membership. The challenge of known facts in your issue of March 29th was gratuitous and sprang from motives well understood here.

Everyone knows of the late Robert J. Halliday's position here. I knew him from early boyhood. He was big hearted and liberal minded, with the good will of the entire trade, and he worked earnestly for the success of the club. Certainly of all men Mr. Sands is not the one to profit by deduction from his friend's deservings. Of course, there was no shadow of a dream of such a thing! On the contrary, a few years ago, Mr. Sands presented to the club, at the request of its donors, a portrait of Mr. Halliday, and no more eloquent and touching tribute of sincere appreciation and friendly regard could have been framed than his address portraying in feeling terms the efforts for and devotion to the club of its lamented first president, a man whose character and qualities we all esteemed and honored.

JAMES PENTLAND.

Baltimore, April 2, 1900.

Editor Florists' Review:—"Rix," in your last issue, sticks to it that his statement regarding the origin of the Gardeners' Club of Baltimore was literally as stated in the Review, and adds, "It is a matter always known and of record." If so, will "Rix" oblige by producing the record?

Does "Rix" mean to imply that the Gardeners' Club was a child or offshoot of the Maryland Horticultural

Society? If so, the writer, who was a member of that society from the time of its resurrection until its demise, must have a faulty memory.

Hysteria is one of the human ailments with which the writer is unfamiliar, and he has yet to learn that love of truth and of justice are symptoms of that disease.

Ruxton, Md. WM. FRASER.

CARNATION SHOW.

The New York Gardeners' Society held their quarterly meeting, also an exhibition of new carnations, at the New York Press Club on March 27th. The show was a great success; most of the new carnations offered this spring were there in fine shape, and were very much admired by the crowds of visitors. Almost all the gardeners and florists who attended the rose show were present at this, and the general public were invited free.

Wm. Duckham, gardener to Mr. D. Willis James, Madison, N. J., won the C. W. Ward silver cup with 12 varieties of superbly grown carnations. Wm. Russell, gardener to Mr. Deltrich, Millbrook, N. Y., won the Pierson prize for best display. George M. Hay, gardener to Mr. John T. Williams, Stamford, Conn., added to his library by winning the Review prize, "Scott's Manual," for best 50 blooms, and the A. T. De La Mare Printing & Publishing Co. prize for best vase of carnations. Joseph Dexter, gardener to Hon. Whitelaw Reid, White Plains, showed a vase of very handsome blooms. The flowers shown by private gardeners were all remarkably fine and were a credit to that branch of the craft.

Commercial growers sent very fine exhibits. The Ethel Crockers sent by Robert Craig & Son, Philadelphia, were grand and were awarded a certificate of merit, as was also the new variety, Gov. Roosevelt, shown by C. W. Ward, Queens, L. I. The gardeners present were very much pleased with this flower, and it is destined to become very popular. H. Weber & Sons, Oakland, Md., staged a great showing of beautiful new varieties; they received certificates of merit for No. 11, pink; No. 40, pink; Genevieve Lord; No. 10A, large white, and No. 126, a fine dark red. Honorable mention was given No. 30. Genevieve Lord was in fine form and greatly admired. The flowers were well grown, having very long stems and great lasting quality.

Lehnig & Winnefield's new white seedling won a certificate of merit, and honorable mention was given to Mrs. Bertram Lippincott, sent by H. Michell, Philadelphia; the latter variety was not in its best form and the crowd would like to see it again. H. A. Molatsch exhibited his new scarlet, Mrs. Bird. S. Coler, for which he received honorable mention. Michigan, from Mrs. McIntyre, Flint, Mich., came in poor condition. Dailedouze Bros. showed some extraordinary blooms of

No. 666, which was awarded a certificate of merit. These were the largest flowers at the show and won much praise. Honorable mention was given a vase of well grown Wm. Scott, exhibited by John H. Taylor. The flowers of Pink Perfection petunia sent by E. Banyard & Son, Clementon, N. J., created a sensation; they were an immense size and a fine shade of pink; they were awarded the society's certificate of merit.

E. Dailedouze, Wm. Anderson and A. Grierson acted as judges. A vote of thanks was given to those who offered prizes and to the florists who so kindly contributed blooms to the show.

The New York Gardeners' Society may not be rich in funds, but it has a record for good work done that no other society in the country can compare with. It is not composed of wealthy men, and yet the day of the rose show it was the only society in New York that tendered the visitors a reception. The best at the Press Club cafe was placed at everyone's wish. The society will do its best to make the June rose show a success, and they will probably exhibit strawberries at their next meeting, which will be held that month.

J. I. D.

NEW YORK.

Great are the preparations which are being made for Easter and everyone seems pleased with the prospects. Plant growers have sold out all the best stock; unprecedented sales are reported. The cut flower trade will largely depend on the quality sent in, but all seems bright in this line, too. Every branch of trade reports evidences of much prosperity. Most of the wholesalers and retailers have rented extra stores for plant displays. Some half ashamed and undercurrent comments are being made about wholesalers selling plants, which is all pure humbug. A man is justified in making money in any honest way, and he's but a fool who can and won't do it. Those who grumble most are they who succeed least.

Theo. Lang has opened a branch store and greenhouse at Ninety-third street and boulevard. This place was occupied for many years by E. J. Smyth.

Moore, Hentz & Nash will have a crop of specially fine Maids and Brides in for Easter.

A. D. Rose has been kept in close quarters by a carbuncle on the back of the head, but he's all right now and ready for his usual Easter rush.

Wm. Prosser, who is a prince of good fellows and made Vaughan's store whatever success it is here, has branched out for himself and has opened an office at 57 Maiden Lane. We wish him the best of luck.

Robert Kift was with us during rose show week. He made a very fine exhibit of his patent vase and holders at

the rose show. They deserve to be in every florist's store; it's a good thing.

Horticultural builders report a rush of orders which in itself is the best evidence of prosperity all around.

Thos. Young, Jr., will have a splendid lot of hybrid perpetual roses, gardenias and select stock for Easter. We recommend this house to out of town buyers.

Bowling last night was sufficient to jar one.

F. Fraendly	213	127	121
W. Siebricht	127	163	161
J. Lang	77	131	89
A. Burns	141	166	151
L. Hafner	166	144	155
G. Moody	115	121	119
J. H. Taylor	120	110	90
T. Lang	133	223	163
D.			

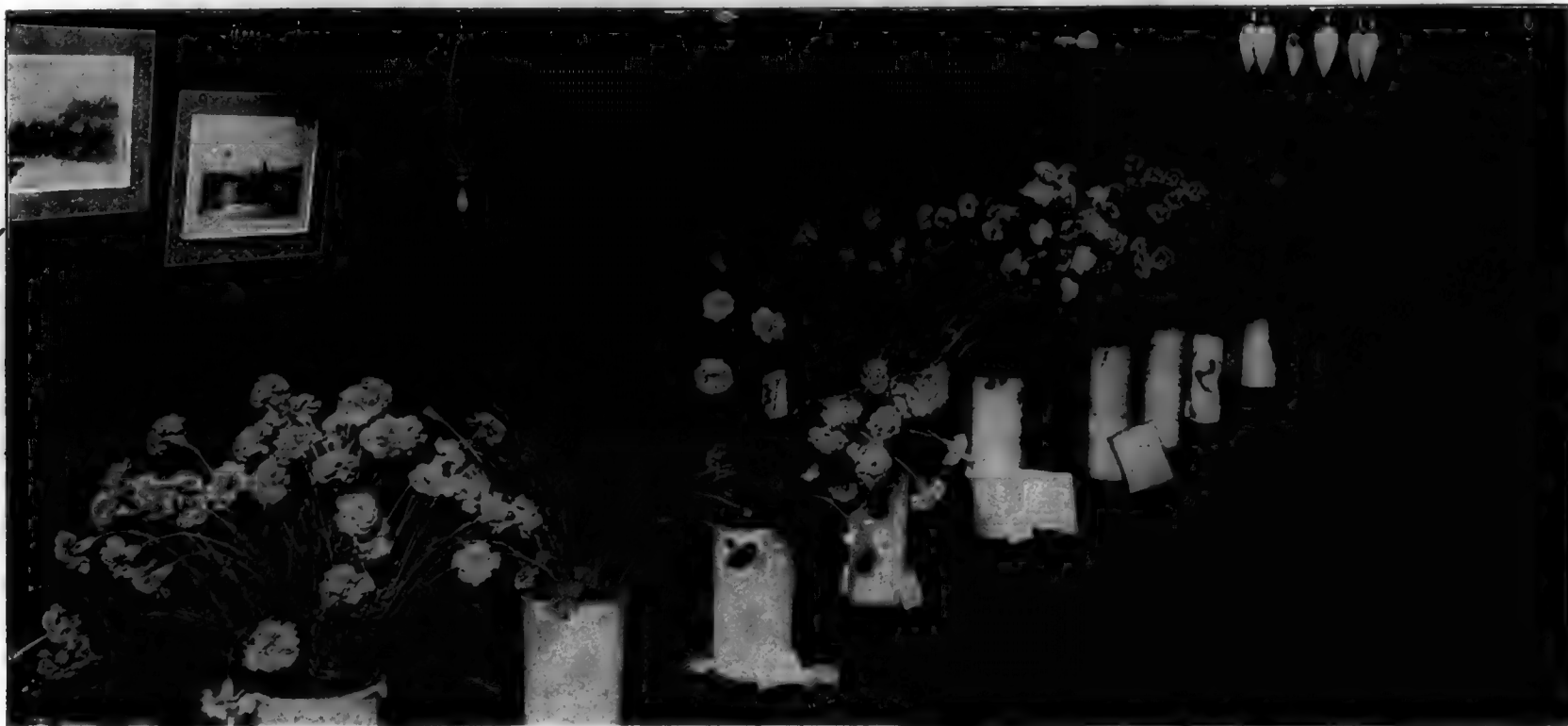
fine warm weather continues. The cut flower supply will no doubt be as large as usual for the Easter trade, with prices just a little higher than at the present time.

The regular quotations on first class stock are about the same as last week. Beauties have weakened somewhat, the extra select bringing \$4 per dozen and some very good stock is offered at \$2 and \$3. Brides and Maids from \$2 to \$6 per 100 for first class stock; Meteors are very plentiful at \$2 and \$5; Woottons and Perles from \$2 to \$4. Perles have been a little scarce the past week.

The supply of carnations has been good. Fancy stock brings from \$2.50 to \$3, and common varieties from \$1.50

Ostertag Bros. furnished the flowers and designs for the opening of the new millinery house of Strauss & Stummer. One of the features being a large floral ball, 25 feet in circumference, filled with live doves and flowers. Each dove had tied around its neck a card bearing the name of some article in the store. At noon, Monday, the ball opened and the roses and doves were released to the waiting crowd below, and the one catching the bird received the prize written on the card. The other designs were neatly gotten up and admired by all. The decorations were a great credit to the boys.

Riessen Floral Co. made the beautiful decorations and floral designs at the spring opening of Werner Bros.



Carnations at the meeting of the New York Gardeners' Society.

ST. LOUIS.

Market Conditions.

The past week stock was decidedly more plenty, but no actual glut as yet, although the supply in some lines was more than could be disposed of, especially violets and bulbous stuff. Under such conditions there was more or less cutting of prices. The latter part of the week the supply shortened up somewhat; the prices stiffened and the wholesalers have some room in their large ice boxes.

There is a good deal of speculation as to Easter supply and Harrisii is of course one of the main features. After canvassing this vicinity we can report that the output will be much smaller than last year and that the supply will be very small for Easter week in both cut flowers and plants. Of other Easter plants the supply will be about the same as usual, and perhaps larger. From what we can see much of the stock intended for Easter week will come in much too early, that is, if the

to \$2. The demand is quite steady and although the cut at present is large there is no great accumulation of surplus stock.

Bulbous stock was quite plentiful the past week at prices quoted in the last issue. The present week will no doubt find the stock a little scarce, as the growers will hold it back as much as possible for Easter.

Violets have been a great glut the past week. On every corner the fakir had plenty of them for sale. Californias sold as low as 20 cents per 100, and less in 1,000 lots; southernns as well as local sold about the same. Smilax is better at the same price.

Notes.

Tom Peterson, formerly with Young and also a member of our bowling club, is now foreman for C. C. Sanders, on Delmar avenue.

Alex Siegel has moved his floral store to the corner of Sixth street and Washington avenue. A much better stand, so Alex says.

Mrs. Buechel reports that they have been very busy with all kinds of work during the month of March.

John W. Kunz has been very busy the past week with funeral work. On Tuesday John worked up the biggest order he ever had.

The Shaw Banquet.

The Shaw banquet on Saturday night last was attended by distinguished educators. Men of science and letters, who have won a place for themselves in the fields of discovery and invention, and whose knowledge has made them benefactors of mankind, honored the memory of Henry Shaw at the annual banquet of the board of trustees of the Missouri Botanical Garden. The banquet was given in compliance with a provision of one clause of Mr. Shaw's will, which set aside \$1,000 annually for the purpose. The banquet was served at the Southern hotel. Twenty-five of the guests sat at the speakers' table. Plants and cut flowers in great profusion decorated the room. Behind

the toastmaster, Henry Hitchcock, hung a large portrait of Henry Shaw, decorated with smilax.

Leland O. Howard, secretary of the American Association for the Advancement of Science, responded to the first toast, "To the Memory of Henry Shaw." Professor L. H. Bailey, who occupies the chair of horticulture in Cornell University, responded to the toast, "The Science and the Practice." Professor A. F. Nightingale, superintendent of the Chicago public schools, made an address on "The Present Outlook for Biological Science in the Schools."

A great many guests from out of town occupied the other tables around the room. It was by far the best and largest banquet given by the trustees of the Missouri Botanical Garden.

The Florists' Club meeting has been postponed from April 12 to April 19 because the 12th falls on Easter week and all hands will be too busy to attend. It was so decided by the president and members of the club. The meeting on the 19th should be a large one as the week after Easter is usually a quiet one. "Easter Trade" will be the subject for discussion. All retailers as well as growers will take part in it. Anyone wishing to go to Chicago with the members of the bowling club can make it known at this meeting.

Bowling.

The bowling club rolled its usual games Monday night. The attendance was slim and only a few good scores were made and are not so good as we would like to see them. The boys must have had their minds on Easter trade and this might have had something to do with the following scores:

	1	2	3	4	5	6	tot.	av.
C. A. Kuehn....	151	142	162	176	139	179	949	158
J. J. Beneke....	138	181	181	155	161	146	912	152
J. W. Kunz....	144	149	132	..	..	..	425	132
F. C. Weber....	149	140	147	129	..	..	565	141
John Young	142	118	134	117	..	..	511	128

Sunday, April 22, is the date set to play the Chicago boys, and about ten have made up their minds to go, with others yet to hear from, and the chances are that about fifteen will be in the party. J. J. B.

BOSTON.

Market Conditions.

Almost a phenomenal amount of funeral work and a very fair run of other floral traffic marks the week just closed in the famed old puritanical city. The steady increase in plant trade, plainly to be seen for two or three years past, is also noticeable this spring. Good judges of the situation predict even a heavier proportional delivery of plants for Easter this year and darkly hint at an imaginary glut in cut blossoms of some kinds unless salesmen keep the cut well disposed of during the next two weeks.

Carnations have just begun to get a

little more social, but it certainly looks as if the "modest and retiring" violet would live up to its adjectives upon the 15th inst. Growers are now reporting a falling off in cut and express wonder at what the cause may be. The condition of things in the near future of course depends much upon the behavior of the weather and of the prevailing epidemic.

Lilies are now selling well at \$2 and being promised in large lots later at \$1.50. E. N. Peirce & Sons claim to hold the majority of the supply and are prepared to handle 10,000 per day when the time arrives. And even at nearly that rate about half a week's time must be consumed in moving their crop. The advance in price of bulbs, and the less number of blooms per stalk is to be largely offset by a little sharper count of green buds.

Red roses have been here in overwhelming numbers for the past week and are expected to be very familiar till after Easter at least. Best Beauties "executed a retrograde movement" back to \$5 per doz.; the worst dozen snuggles cozily into a fifty-cent piece, and they will accommodate you anywhere between those figures. Brunners in astonishing quantities invite generosity at from \$1 to \$4 per dozen; Jacks are not quite so ambitious, about \$2 being their higher limit, and the staunch but fragrantless Meteor softly sings on a scale running from half a dollar to a whole one and a half. Holders of best pink and white ones dislike to refuse \$2, and almost anything off a rose bush will bring 50 cents.

Large boxes of mignonette have been standing around sulkily refusing to move at the small price offered. Some was sold as low as 15 cents per doz. Forty cents buys best double violets; single ones, singularly bringing 75 cents if good enough. Short smilax touches \$2; very fine reaches up to \$3. Pinks have been very proud at from \$2 to \$5. But "pride goeth before a fall," and I predict a fall in their case immediately.

Notes.

Lester Mann has been very sick with pneumonia, but is rallying.

Galvin never allows his business to get into type, but it leaks out that he has just "done" an immense golden wedding in Fitchburg. A whole carload of material went from here and everything available in that city was also used. Two thousand of John Fee's matchless daffodils helped to bring out the proper color, and all other bulb men furnished a quota.

John Chapman has prevailed upon his broken ankle to bring him into the city a few times, but has to favor it too much to attempt any work yet.

Worst fears were realized concerning the fire at Mr. Richwagen's houses at Woburn. It is a hard blow to the worthy old gentleman, alone in the business since the removal of his son to Needham, and the profession generally are expressing sympathy not

only by word but by action, as proven on subscription paper at the Park street market desk. All feeling practically sympathetic are requested to bring or send name and a figure to put after it. You will note it is a hard time of year for greenhouses and contents to go up in smoke. B. T.

CHICAGO.

The Market.

There is a fair supply of everything in the market, the only noticeable shortage being in white carnations. The quality of all stock averages good and the demand is excellent, the only things that are inclined to drag a little being poor grade roses and violets. Odds and ends are being cleaned up well for the season. Bulbous stock is moving satisfactorily, there no doubt being some extra demand due to the shortage in white carnations.

It is thought that bulbous flowers will go better than usual at Easter for the same reason, for all agree that there will not be nearly enough carnations to meet the demand for this holiday. It is generally predicted that early orders will be the only ones to get carnations to any extent.

As to general supply of stock for Easter we are inclined to think there will be a generous amount of stock of most all kinds aside from carnations, and probably enough to nearly meet all demands at the quotations. There will surely be no surplus in any line, unless a goodly number of growers should make the mistake of holding back stock until too late for the shipping orders, in which case there might be at the last moment more than the city trade will take.

As to quotations the price lists of several dealers and growers appear in our advertising columns.

Taken all in all the outlook for a splendid Easter trade is excellent. The whole season has been a most satisfactory one, there having been no real general gluts at any time.

Various Items.

C. J. Reardon, for the past year in charge of the greenhouses of S. W. Allerton at Lake Geneva, Wis., has resigned his position and is again in Chicago.

Weiland & Risch opened their wholesale store at 59 Wabash avenue last Monday and are now doing business at this location. They have a very neat and conveniently arranged place.

Kennicott Bros. Co. have put in an unusually heavy stock of hardy ferns, mahonia leaves and other greens for the Easter trade. The firm announces that hereafter they will pay all their shippers each Monday and will carry no monthly accounts with any of their growers.

Bassett & Washburn's roses will be in full crop for Easter, but their carnation cut will be light in comparison.



The Silver-Sweet Vine (*Actinidia polygama*—true.)

The bowling club held a meeting last Friday evening, at which the resignation of Secretary Henderson was accepted and Geo. Asmus elected to fill the vacancy. The other officers are as before. The accumulated dues of members were "wiped off the slate" and a fresh start will be taken. Starting with this week a series of eight games will be played, and those making the highest averages in the series will compose the team to play in the match with the St. Louis boys.

SILVER-SWEET VINE.

(*Actinidia polygama*—True.)

Our illustration is from a photograph of one of the plants brought from Japan by Prof. Wm. P. Brooks, of Amherst, Mass., taken when it had been growing at Amherst four or five years. The two plants, which are now about ten years old, cover the entire sides and overhead of the veranda, which is 20x10 feet.

It has proved perfectly hardy at Amherst and though a rapid grower is less rampant and more manageable than *Actinidia arguta*, which has been sent out by American nurserymen as *A. polygama*.

The foliage on the ends of the flowering shoots is silvery white, making the vine exceedingly ornamental, and it promises to be an important addition to our list of rapid growing ornamental hardy vines for covering verandas, arbors and buildings.

BUFFALO.

As Easter approaches the weather warms. This Monday is the first day in a long time that snow would melt in the shade. Inquiry for plants is now the live topic. All are preparing to make a big lead on plants. Kasting has rented a large store near his own and intends to handle a great lot of plants and expects a large consignment. This is a good idea and a good place to make exchanges.

W. J. Palmer & Son are great on hybrid and Rambler roses, lilies and azaleas.

Rebstock has a great quantity of azaleas, hybrids, Ramblers and lilies, but grumbles some at his Ramblers not being as well budded as he would wish.

W. Belsey has a nice collection for Easter, well balanced for his trade as usual.

Mrs. Newlands has fine lilies and very fine roses.

Wm. Milley has an extra good lot of lilies, but slightly on the late side.

C. D. Zimmerman makes a most attractive show at his store and conservatory on West Chippewa street, and a visit to his houses on Ashland finds them cram full of good Easter stock.

Neubeck & Myers make a good show with lilies, Deutzias, Ramblers, cinerarias, cythus and other stuff, but "Lome" says their trade will compel them to buy heavily.

I had no chance to visit others, except the establishment at Cold Springs, where I find always a large assortment of nearly everything. Out of the common run are some fine American Beauty roses in 6-inch pots, with eight to ten blooms and buds, some very fine mignonette in 5 and 6-inch pots, and a number of strawberries in 5-inch pots with a dozen berries beginning to color. This latter is a departure. They may take and they may not. It will also be necessary to have a very conscientious young man to water, as a ripe strawberry in April is tempting, and even the delivery is risky, for the errand boy and the maid, young or old, who takes them in at the door all like strawberries.

We were rejoiced to see that Peter Crowe of Utica did so well at New York: "1st for best display of roses." If he can't bowl he can grow roses, and now the expense of several new and larger hats is in order. What a magnificent show it must have been! And now the rose society is launched on a prosperous sea it will sail along as triumphantly as the carnation society.

Not many visitors this week, but we did see Mr. Fotheringham, of Tarrytown, and Mr. Van Zanten of the kingdom of Holland.

I do wish often that I could have a little sport to give you as do other cities. Our young sports are scattered, but we have entered for the New York tournament and there is lots of material good enough to beat Philadelphia. There is W. J. Palmer, Sr.; J. F. Cowell, C. Keitch, Henry Wise, Theodore Frank and T. Mansfield, and a dozen like them who won't lose their nerves and strength at the boisterous "roo-fing" of J. Westcott et al. W. S.

Marvellous Enterprise in Advertising.

A florist on Main street rented his store to a hatter on the 20th of last month, and from courtesy let the hatter in on the 15th so that he could make repairs, etc., but the florist paid the rent to the 20th. On the 16th a near-by florist put a large sign in the window with a hand pointing up the street to his store, as much as to say, "S. is gone, but I am here." This is a little sharp on the man who has willingly left the whole neighborhood to his friend R.

The sign was removed by the florist whose store it was till the 20th, but it was replaced, removed again and again in the window; finally it stopped out. Such cuteness and sharpness as this deserve to amass an easy fortune. The writer wishes he had a little more of this gall himself, and used it frequently, but tempered with discretion and fairness to his competitors.

"SLOW POKE."

AMERICAN GROWN BULBS.

Under date of March 24, Mr. George Gibbs, Orcas, San Juan Co., Washington, who is the pioneer in growing

Dutch bulbs in that section, writes:

"I now have 250,000 bulbs in the ground. My hyacinths are now blooming. Crocuses (25,000) were in bloom the past three weeks. We have had the mildest winter in ten years, only two mornings with the temperature at 13 and 16 degrees, the remainder of the time ranging between 28 and 48 degrees. Narcissus came in bloom three weeks ago. English filberts were in bloom Jan. 15 and are now well set.

"Our island being surrounded by water that is never below 43 degrees in winter and never above 55 degrees in summer, with heavy dews all the season, the conditions are peculiarly favorable to the growth of the bulbs. By planting hyacinths late, say in November, they always come through safely and grow to perfection. I am now in my ninth year here."

SAN FRANCISCO.

The Market.

Trade this week has been fair; a few of our florists had decorations that kept them busy. Easter plants and cut flowers of all kinds will be plentiful, the warm spring weather bringing all kinds of seasonable flowers in with a rush.

Sweet peas made their appearance for the first time this week. Violets, California and Princess of Wales are almost gone, the Giant and Duchess of Marlborough taking their place. Harrisii will be equal to the expected Easter demand. Prices: American Beauties, \$1.50 to \$3.50; Brides and Bridesmaids, 35 to 75 cents; Meteors, 25 cents to \$1; Papa Gontiers, 25 to 50 cents; Perles, 50 cents; Cecil Brunners, 12 1-2 cents per dozen; carnations, Hobarts, \$1; Crokers, 75 cents; Hills, 35 to 50 cents; Triumph, 35 to 40 cents; Bradts, 35 cents; Gold Nugget, 35 cents; Scotts, 25 cents; Portia, 10 to 20 cents; Harrisii, \$2.50 to \$3; violets, the Giants, \$1.50 per doz.; sweet peas, \$2 per doz.

Various Notes.

Mr. Chas. Hasselbacher is cutting the best Kaisers coming into market.

Mr. Peter Wadlinger has a very fine seedling carnation with a grand stem, color dark shade of pink.

Mr. J. Gilmore will erect 100,000 feet of glass on his new place at Elmhurst. Work on the plant was commenced this week, and when completed will be one of the largest places on the coast.

Mr. H. M. Morse has just received a copy of the Florists' Manual, by Wm. Scott, and regrets he did not have it a year ago when he first started in business. Mr. Morse thinks it a great book.

Mr. John Jack has a fine show of pansies at the race track. Mr. Jack has the carnation fever and if he does them as well as he does the pansies many fine vases must be expected.

On the 13th of March Joseph Murphy, an expressman, drove up in front

of the florist store of F. C. Jaeger, 236 Sutter street, and left his horse fastened there. In the absence of Murphy, who had gone to a neighboring store, his horse started in to chew up a few palms that were standing on the sidewalk. Mr. Deban, who has been employed by F. C. Jaeger, moved the plants out of danger, and also removed part of the harness from the horse to secure his employer for damage done. When Murphy returned, so Deban and Jaeger claim, the clerk notified him of the wrecked plants and said the missing portion of the harness would be returned on payment of 25 cents, which represented the foliage consumed by the horse. The amount was refused, hot words followed, and Murphy threw a heavy flower pot at Deban. The latter avoided the missile and Murphy picked up another pot to take a second shot. Fearing he would be worsted Deban caught up a heavy pair of shears and threw them at Murphy, striking him on the forehead. Jaeger assisted and Murphy was thrown from the store and the bit of leather to which he laid claim followed him. Murphy was taken to the hospital, where it was found his skull was fractured, and lingered on to the 25th of March, when he died. Deban is an Egyptian and will be held for murder. He is held in high esteem by his employer who, with another clerk, will testify in his behalf.

Mr. James Kidd, late of the Sunset Seed & Plant Co., has returned to his old stamping ground with Wm. Elliott & Sons, Dey street, New York. Mr. Kidd says he is glad to be among the snow once more. That's all right; just wait till the thermometer gets down 30 below zero. His thoughts will turn to the Golden state.

Mr. Robert Armstrong, at Fernwood, has come to the conclusion that it is not best to live alone. On the 24th of April he will be married to Miss Jennie Curtis, Oakland, Cal., a very pleasing young lady with many accomplishments. Congratulations are now in order.

J. N.

THE REVIEW'S Classified ads. enable you to find with the least possible effort whatever stock you may need.

GROWERS Give Your Boys a Chance to Earn Pin Money by Selling TOBACCO WHALE OIL SOAP and TOBACCO DUST

during their leisure moments. Have them send for my sample outfit, postage prepaid. A bicycle in addition to a commission to boy selling largest quantity of Tobacco Whale Oil Soap by July 1st. If he does not want a bicycle, I will give him his choice of any article that can be purchased for \$25.00. Should a tie occur the prize will be divided equally. Winner's name in this paper first week in July.

H. A. STOOHOFF, 116 West St., N. Y. City.

Mention The Review when you write.



Verbena King.

Verbenas, rooted cuttings, 60 cts. per 100; \$5.00 per 1000; \$22.00 per 5000; 2-inch, fine plants, \$2.00 per 100; \$18.00 per 1000.

AGERATUM--Lady Isabel and Cope's Pet, 60 cts. per 100; \$5.00 per 1000.

DAISIES -- California and Yellow Castle, \$1.00 per 100; \$9.00 per 1000; 2-inch, \$2.00 per 100.

CARNATIONS

Flora Hill.....	\$1.50 per 100; \$14.00 per 1000.
Morello.....	1.50 " 14.00 "
Mayor Pingree.....	1.50 " 14.00 "
Daybreak.....	1.50 " 14.00 "
Wm. Scott.....	1.00 " 8.00 "
McGowan.....	1.00 " 8.00 "

HELIOTROPES -- 10 best varieties, \$1.00 per 100; \$8.00 per 1000; 2-in., fine plants, \$2.00 per 100; \$18.00 per 1000.

Express paid on all Rooted Cuttings and satisfaction guaranteed for that cash please.

C. HUMFELD, Clay Center, Kan.

Mention The Review when you write.

INCREASE YOUR SALES CLYDE

The New Mammoth Single Scarlet Geranium, Sells at Sight

\$3.00 Per Doz.

W. E. HALL, Clyde, O.

E. G. HILL & CO., - - Richmond, Ind.

Mention The Review when you write.

Yucca Filamentosa Bicolor....

A beautiful variegated form of the ordinary Yucca Filamentosa, or Adam's Needle, with dark evergreen foliage beautifully variegated with creamy white and possessing all the good qualities of its parent. An interesting, rare, hardy plant that will succeed in any position and which is certain to please.

2 1/4-inch pots,.....30c each; \$3.00.....per dozen; \$20.00.....per 100.

HENRY A. DREER,

714 Chestnut Street.....PHILADELPHIA, PA.

Mention The Review when you write.

Novelties of the Season...

CHRYSANTHEMUMS.

Monrovia, early yellow of commercial value.
Orizaba, midseason pink, incurved form.
Yasotsa, yellow Jap. of large size.
Intensity, bright crimson, late, extra fine.
Plume, pink ostrich plume, fine color.
White Bonnafon, incurved white of great promise.
Lavender Queen, a beautiful pink for Thanksgiving.
Goldmine, yellow, the great prize winner of the season.
Superba, very late pink for Christmas. Perrin type.

Fine stock of above at 50c each; \$5.00 per doz.; \$35.00 per 100. All ready for immediate delivery except Goldmine. Next lot of this ready April 20th. All other novelties at introducers' prices.

In 1899 Novelties.

We are selling large quantities of the following kinds to the best growers which speaks volumes for their merit:

THREE EARLY.

John K. Shaw, fine commercial pink; \$5.00 per 100.

Polly Rose, white Glory of Pacific, \$4.00 per 100.

Robert Halliday, Henderson color, better form. \$8.00 per 100.

THREE MIDSEASON.

Fee-du-Champsaur, large white-Jap., \$10.00 per 100.

Yellow Mayflower, sport from Mayflower, \$8.00 per 100.

Shilowa, extra fine dark crimson, \$5.00 per 100.

THREE LATE for Thanksgiving and after.

Xeno, fine incurved pink, style of Perrin, \$8.00 per 100.

Nagoya, a large Jap., intense yellow, \$8.00 per 100.

Adula, superb incurved white, \$8.00 per 100.

Also a very complete stock of the best standard varieties.

Carnations for 1900.

The Marquis	\$1.50 per doz.;	\$10.00 per 100.
Olympia	2.00 "	12.00 "
Ethel Crocker	1.50 "	10.00 "
Genevieve Lord ..	2.00 "	10.00 "
Mrs. Lawson	3.00 "	14.00 "

We also have a very complete list of the best standard sorts.

For complete descriptions of above stock see our catalogue, which will be mailed free on application.

Mention The Review when you write.

New Geraniums.

Many florists are unaware of the great advance that has been made in the Geranium. Many of the recent introductions are marvels of beauty. Try a few. We are certain they will be in great demand next season. List of varieties and prices on application.

GERANIUMS.

Standard varieties. We are all sold out of pink shades, but have a large stock of red, large sturdy plants ready for 4-inch pots.

S. A. Nutt, \$3.50 per 100. **Marvel**, \$3.00 per 100.

Violets.

Princess of Wales, Lady Hume Campbell, California, White Czar, from soil, \$1.50 per 100; \$12.00 per 1000.

Vinca Major Variegata.

Strong 2½-inch pot plants.

If shifted now will make excellent stock for Decoration Day. \$3.00 per 100; \$25.00 per 1000.

NATHAN SMITH & SON, Adrian, Mich.

STRONG SEASONABLE STOCK

Ready for Immediate Shipment.....

CARNATIONS.

The best of existing varieties.

MACEO, CRANE, MORNING GLORY, \$8.00 per 100; \$50.00 per 1000.
GOMEZ, BRANT, MELBA..... 5.00 " 40.00 "
WHITE CLOUD..... 4.00 " 30.00 "
MRS. JAMES DEAN, NEW YORK.... 3.00 " 25.00 "

SCOTT AND McCOWAN..... \$1.50 per 100; \$12.00 per 1000.
ETHEL CROCKER..... 10.00 " 75.00 "
OLYMPIA, extra strong from soil or pots..... 12.00 per 100.
GENEVIEVE LORD, extra strong from soil or pots 10.00 "

Dahlias.

Fine strong roots of following selected varieties:

At \$1.00 per doz.; \$8.00 per 100; \$50.00 per 1000. **Aurora**, Frank Smith, A. D. Livoni, **Arabella**, C. W. Bruton, **Yellow Bird**, Mrs. E. C. Monroe, **Apple Blossoms**, Purity, Beauty, Snow, Henry Patrick, Catherine, Mary D. Hallock, **Queen Victoria**, Fanny Purchase.

Pelargoniums.

Fine strong 3-inch plants in bud.

\$1.25 per doz.; \$8.00 per 100. **Marquis of Salisbury**, Wm. Smith, H. M. Stanley, Marie Malet, Sandiford's Surprise, Victor, The Bride, Fred. Dormer, Mrs. Bradshaw, Edward Perkins, Mrs. Loyal, Mme. Thibaut, Dorothy, Countess, and Gold Mine.

Geraniums.

Fine strong 2½-inch stock.

Paul Barre, Kleber, Prediction, Mme. Goyeux, Dryden, Hubert Charron, Emanuel Arene and Henry de Parville, at \$1.25 per doz.; \$10.00 per 100. **Jno. P. Olcary**, \$1.25 per doz.; \$8.00 per 100. **Surprise**, Mara, Rev. Atkinson, **Marquis de Montmort**, Benj. Schroeder, 50c per doz.; \$4.00 per 100.

NOVELTIES.

Richelleu, Pouschkine, De La Vigne, Fraicheur, Andrew Lang, Cerise, Malgache, M. H. Tilmant, J. B. Varrone and M. Canoras, 85c each; \$3.50 per doz. **Pasteur**, Grandville, Jean Remau, at 75c each.

C. W. WARD, Manager.

Chrysanthemums.

Ready now.

50c per doz.; \$3.00 per 100. Mrs. H. Robinson, **Glory of Pacific**, Maud Dean, **Arlene**, **Eureka**, Mrs. R. McArthur, **Quito**, **Rose Owen** and **Yellow Monarch**.

Geo. S. Kalb and **October Sunshine**, 75c per doz.; \$4.00 per 100. **Yellow Mme. Carnot**, Harry A. Parr, **Mavourneen**, **Silver Wedding**, **Admiral Dewey**, **Pride**, **Willowbrook** and Mrs. F. L. Button, 75c per doz.; \$5.00 per 100. **King of Yellows**, fine deep yellow, **Bonnafon** form, \$2.50 per doz.; \$15.00 per 100.

Russellias Multiflora and Elegantissima. Splendid Vase plants. Strong 3-inch plants, \$1.00 per doz.; \$8.00 per 100.

Baby Primrose. From 2-inch plants, \$5.00 per 100.

Acalypha Sanderi. Strong 3-inch well hardened plants, \$1.25 per doz.; \$10.00 per 100.

Browallia Gigantea. From 2½-inch stock, 75c per doz.; \$3.00 per 100.

Asparagus Sprengeri. Strong 2-inch stock, \$4.00 per 100.

Tropaeolum Phoebe. Extra strong 3-inch plants in full bloom, \$1.00 per doz.

The Cottage Gardens, Queens, L. I., N. Y.

Mention The Review when you write.

FOR EASTER

15,000 Harrisii Lilies. Plenty of Callas.
 Large supply of Brides, Maids, Beauties and Meteors.
 Violets---the cut from 50,000 feet of glass.
 200,000 Hardy Ferns. 1,500 strings of Smilax.
 Plenty of Valley, Tulips and Daffodils.
 An abundance of Fancy and Common Carnations to fill
EARLY ORDERS.
 Galax, Wild Smilax and Leucothoe Sprays.

SEND
FOR
OUR
EASTER
PRICE
LIST

ALL FLORISTS' SUPPLIES.

E. H. HUNT, 76 Wabash Ave., CHICAGO.

TIME AND MONEY.

You can save time by consulting the Review's classified advs. when in want of stock.

You can save money by using the Review's classified advs. when you have stock to offer.

E. G. Hill & Co.

**Wholesale
Florists,**

RICHMOND, INDIANA.

Mention The Review when you write.

...MAMMOTH VERBENAS...

Mammoth Verbenas, large rooted plants, 60c per 100, \$4.50 per 1000. Cyclamen, 2-in., \$5.00 per 100. Stocks, white or mixed, double, 2-in., \$1.50 per 100. Rooted Cuttings—Dble. and single Petunias, mixed, \$1.00 per 100. Lobelia, \$1.00 per 100.

**SAMUEL WHITTON, 15-17 Gray Ave.,
UTICA, N. Y.**

Mention The Review when you write.

PANSIES...WORTH RAISING

Good Plants by express, \$2.50 per 500;
\$4.00 per 1000. Seed as usual.

**G. SOLTAU & CO., 199 Grant Avenue,
JERSEY CITY, N. J.**

Mention The Review when you write.

Special Offer of Choice PALMS, Etc.

**Strong, Stocky and Perfect Plants, fully up to my high
standard in every respect**

LATANIA BORBONICA.	Per doz.	Per 100
4-inch pots, 3 to 4 characterized leaves, 12 to 15 inches high.....	\$3.00	\$22.50
6 " 5 to 6 " " 18 "	6.00	50.00
8 " 8 to 9 " " 24 "	18.00	150.00

ARECA LUTESCENS.	Each.
12-inch pots, elegant bushy specimens, 6 to 8 feet high.....	\$10.00, \$12.50, \$15.00
16 " 8 to 10 "	25.00, 30.00, 35.00

LIVISTONA ROTUNDIFOLIA.	Per doz.	Per 100
3-inch pots, 3 to 4 characterized leaves, 5 inches high, 8-in. spread.....	\$3.00	\$22.50
4 " 4 to 6 " 8 " 10 "	4.80	37.50

PANDANUS VEITCHII.	Each.	Doz.
6-inch pots, well colored, 18 inches high.....	\$1.00	\$12.00

: Measurements from Top of Pot.

CHAS. D. BALL, HOLMESBURG, PHILA. PA.

Mention The Review when you write.

300,000 VERBENAS....

60 finest named varieties, including our new mammoth white, Mrs. McKinley, the finest white Verbena grown.

PERFECTLY HEALTHY. FREE FROM RUST.

Rooted Cuttings 60c per 100, \$5.00 per 1000.

Plants \$2.50 per 100, \$20.00 per 1000.

Our list is the choice from millions of seedlings.

Send for list. **J. L. DILLON, Bloomsburg, Pa.**

Mention The Review when you write.

PETUNIA PINK PERFECTION

A sterling novelty for 1900. Has stood the test as a pot plant or a bedder; it has no equal. Color shell pink, very double and large size, equal to any rose. Always full of blooms, and dwarf in habit, making it a valuable pot plant. Is admired by all who have seen it.

Orders booked for delivery in rotation. Strong plants from 2 1/4-inch pots, per doz., \$2.00; per 100, \$12.00. Cash must accompany all orders. Originators:—

E. BANYARD & SON, - Clementon, N. J.

Mention The Review when you write.



CHOICE CUT FLOWERS OF ALL SORTS,
New and Standard Varieties of ROSES, CANNAS, CARNATIONS, GERANIUMS, CHRYSANTHEMUMS
and General Florists' Stock. Long Distance Telephone 99.

S. A. F. Convention, 1900.

NEW YORK FLORISTS' CLUB.

Official Catalogue and Souvenir

now in course of preparation. As an advertising medium it cannot be excelled. A beautiful book containing official program, views of Greater New York and vicinity. Thorough description of all leading establishments, and complete information regarding Horticultural and Floricultural interests.

For information, advertising rates, etc., address

Mr. CHAS. B. WEATHERED,
46 Marion Street, New York.

Trade Exhibition....

As usual in connection with the S. A. F. Convention will be held a great Trade Exhibition, presenting to growers, seedsmen and dealers in everything appertaining to Horticultural and Floricultural interests, a superb opportunity to display their wares to the best possible advantage.

Convention and Exhibition Under the Same Roof.

Information, diagrams, and all other particulars mailed on application to the manager,

Mr. JOHN P. CLEARY,
60 Vesey Street, New York.

Send in Your Order Now for a Copy of THE FLORISTS' MANUAL, by Wm. Scott.

Ready for Business.

WEILAND & RISCH,

WHOLESALE GROWERS AND
SHIPPERS OF

CUT FLOWERS,

59 Wabash Avenue.

Long Distance
Telephone Central 879—

CHICAGO.

WE HAVE ALL THE LEADING varieties of Roses and Carnations. American Beauties a Specialty. Send us a trial order. We shall be pleased to serve you. All telegraph and telephone messages will receive immediate and careful attention.

Mention The Review when you write.

TARRYTOWN, N. Y.

The Tarrytown Horticultural Society held its monthly meeting March 29. There were twenty-eight members present. Wallace Odell and John Walquist were elected to membership.

A very interesting paper on the cultivation of the chrysanthemum by James T. Scott, gardener at the House of Refuge, New York City, was read. It was well received and a lively discussion followed.

Wm. Scott exhibited *Spiraea grandiflora* in splendid form. *Imantophyllum Clivia miniatum*, also a seedling from same variety, a shade lighter in color, both well grown, were exhibited by Louis A. Martin.

ROBERT ANGUS,
Reporting Secretary.

CINCINNATI.

The Cincinnati Cut Flower Co. has been incorporated with a capital stock of \$10,000. The incorporators are A. Sunderbruch, W. A. Mann, G. Meier, T. B. George and F. W. Ball.

Mr. and Mrs. Julius Baer welcomed a baby boy to their house recently.

COUNCIL BLUFFS, IA.

J. F. Wilcox has begun the erection of ten more greenhouses, each 25x200, and expects to have them finished early in the season. This will give him a total of 450,000 feet of glass.

Hardy Hybrid Clematis.

We offer strong two-year-old plants of all the leading varieties, such as

JACKMANI, HENRYI, DUCHESS OF EDINBURGH, STANDISHI, Mme. VAN HOUTTE, etc., etc.

\$3.00 per doz.; \$25.00 per 100.

Strong two-year-old
field grown plants of CLEMATIS PANICULATA,

\$1.25 per doz.; \$10.00 per 100.

HENRY A. DREER, 714 Chestnut St., PHILADELPHIA, PA.

Mention The Review when you write.

Last Call for Carnations.

10,000 R. C. Let us know your wants.
10,000 Unrooted Cuttings, as following:

2000 G. H. Crane.....	per 100, \$2.00	400 White Cloud	per 100, \$1.00
1500 Mrs. G. Bradt	" 1.25	1000 Flora Hill	" .50
700 Gold Nugget.....	" 1.00	1800 America	" 1.50
1300 Mary Wood	" 1.50	1000 Glacier	" 1.50
1000 Melba.....	per 100, \$1.25		

Per 100		Per 100	
500 Yellow Baby Primrose, in bloom, 2½-in.	\$5.00	1000 Red and Yellow Irisines	2½-in. \$1.50
500 De Roo Mitting, 2½-in.	5.00	1000 Alternanthera, red and large lvd.	" 1.50
1000 Obconica, in bloom, 2½-in.	2.50	5000 Forget-Me-Not	2½-in. 1.50
1000 Chinese Primula	2½-in. 1.00	1500 Lobelia, Crystal Palace Gem.....	2½-in. 1.50
7000 Named Geraniums, our selection.	" 2.00	1000 California Moss	" 1.50
4000 Double Petunias, mixed.....	" 2.00	1000 Mesembryanthemum Erectum...	" 1.50
2000 Putunias, California Giants, single,	" 2.00	2000 Begonias, Red Vernon, bedder...	" 1.50
3000 Mme. Salleroi Geranium	" 1.50	2000 Begonias, Pink Erfordl,	" 1.50
30000 Coleus, our selection only.....	" 1.50	2000 Begonias, Sandersonil,	" 1.50
10000 Coleus, mixed	" 1.25	5000 Begonias, our selection, named ..	" 1.50
10000 Large Pansy Plants, in bud	1.00	Write us for large Ferns.....	5-in. 10.00

THE MORRIS FLORAL CO., Morris, Ill.

Mention The Review when you write.

Buy Flowers Direct from the Grower

FOR **E**ASTER...

we shall have a very large crop of
American Beauties, all lengths of stems. Also a
fine crop of **Brides, Bridesmaids and Meteors**.

CARNATIONS Very Scarce and Very High.

Bulb Stock and Easter Lilies.

The true **Bermuda Longiflorum Lilies**. These are the
largest and finest flowers. We shall have 15,000 to 20,000,
all selected, price \$12.00 per hundred in lots of 100 or over.
Per dozen, \$2.00 to \$2.50.

	Per 100		
DOUBLE PINK TULIPS, very choice, . . .	\$4 00	LILY OF THE VALLEY, choice stock, . . .	\$3 00 per 100
SINGLE TULIPS, Yellow, . . .	4 00	ASPARAGUS, choice long strings, . . .	50 each
" Novelty Pink, . . .	3 00	" sprays, . . .	1 50 per 100
" Pure White, . . .	3 00	" Sprengerii, 18 to 20-in. long, . . .	4 00 "
DUTCH HYACINTHS, very choice, large spikes.		SMILAX, very choice, . . .	\$2 00 to 2 50 pr doz.
Lavender or Pink, . . .	4 00	COMMON FERNS. We have 1,000,000 in cold storage.	
White, . . .	5 00	These are extra fine, \$1.50 per thousand.	

Our shipping facilities are the very best, and wherever possible our Easter Orders
will be sent direct from the greenhouses.

BASSETT & WASHBURN, Store, 76 Wabash Avenue, CHICAGO, ILL.
Greenhouses, HINSDALE, ILL.



HARDY Cut Ferns!

\$1.00 per 1000.

GALAX LEAVES.....\$1.00 per 1000
BOUQUET GREEN.....4 cts. per lb.
SPHAGNUM MOSS.....75 cts. per bbl.
BOUQUET GREEN WREATHING,
all sizes made to order3 to 8 cts. per yd.
BALED SPRUCE, for cemetery use, etc., etc.
L. B. BRAGUE, Hinsdale, Mass.

Standard Perennials for Cut Flowers....

Anemone Queen Charlotte, 2 1/4-inch pots.....	\$1.25	per doz.;	\$10.00	per 100
Boltonia Asteroides, strong divisions.....	.75	"	6.00	"
" Latisquama, ".....	.75	"	6.00	"
Coreopsis Lanceolata, large clumps.....	.75	"	6.00	"
Delphinium Formosum, strong one year old.....	.75	"	6.00	"
" Chinensis, ".....	.75	"	6.00	"
Doronicum Excelsum, strong divisions.....	1.00	"	8.00	"
Echinacea Purpurea, ".....	1.00	"	8.00	"
Gypsophilla Paniculata, strong one year old.....	.75	"	6.00	"
Helianthus Multiflorus Plenus, strong divisions.....	.75	"	6.00	"
" " Maximus, ".....	.75	"	6.00	"
Lychnis Viscaria Alba Plena, strong clumps.....	1.50	"	10.00	"
" " Splendens, strong divisions.....	.75	"	6.00	"
Rudbeckia Golden Glow, clumps.....	1.25	"	10.00	"
" " " strong divisions.....	.50	"	3.00	"

HENRY A. DREER, 714 Chestnut Street, Philadelphia, Pa.

Mention The Review when you write.

Beginning April 1st, **KENNICOTT BROS. CO.,** Chicago,
will pay all shippers on Monday of each week. Too much work
to carry monthly accounts.

E. H. HUNT

THE "OLD RELIABLE" FOR

**Wholesale
Cut Flowers**

Hunt's Flowers Go Everywhere.

76 Wabash Ave. CHICAGO.

Mention The Review when you write.

GRAND RAPIDS, MICH.**Easter Outlook.**

The weather has been bright and warm, very favorable for bringing out the flowers, but nevertheless we are experiencing a carnation famine.

Hardly a shipping order the past week that has been filled as ordered. When all efforts to get flowers wholesale failed, buying a few dozen here and there at retail, in order to make out, was resorted to, but not even a dozen could be procured, and yet, they say this is Lent! As far as business is concerned, it might better be dubbed holiday time. Roses are in good supply, quality fine, price \$1.50 per doz. Violets are blooming themselves to death. Longiflorum lilies are coming in fine shape, but much of the bulb stock is turning out remarkably poor, not of near so good quality as last year.

Leaving out carnations, the outlook for the supply for Easter is good; and we believe we shall see all records broken by the amount of business done. Another bulb agent, Hubert Elffers, is around town, trying to round up any bulb order that might have been missed. G. F. CRABB.

MR. F. S. PEER, Mt. Morris, N. Y., sends us the catalogues of the two foreign houses for which he is sole American agent. That of De Graaff Bros., Ltd., Leiden, Holland, is devoted to a full line of Dutch bulbs and plants and contains some very handsome half-tone engravings of daffodils. That of K. Wezelenburg & Son, Hazerwoude, near Leiden, Holland, is devoted to azaleas, rhododendrons, roses, clematis, forcing plants, evergreens and other choice trees and shrubs.

DES MOINES, IA.—The fire that destroyed the down-town store and conservatory of I. W. Lozier, as reported in last issue, was caused by defective electric light wires. The loss on stock was \$2,000, with insurance of \$500, and on the building \$700, covered by insurance.

Always mention the Florists' Review when writing advertisers.

**McKELLAR & WINTERSON'S
Modern Supply House**

is the place to buy your CUT FLOWERS, SUPPLIES, SEEDS, etc. MASSACHUSETTS FANCY FERNS, per M, \$1.50; 5 M lots, \$6.25. Now Ready.....CARNATION CUTTINGS, VIOLET PLANTS, FORCING ROSES, YOUNG STOCK OF ALL KINDS.

WESTERN AGENTS FOR

Imperial Plant Food and Fertilizers.

For prices, etc., see our new catalogue.

McKELLAR & WINTERSON, 45-47-49 WABASH AVE., CHICAGO.

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Bassett & Washburn

76 Wabash Ave., CHICAGO, ILL.

Wholesale Growers of and Dealers in **CUT FLOWERS**

Greenhouses at Hinsdale, Ill.

Mention The Review when you write.

PETER REINBERG,Wholesale Grower of **CUT FLOWERS.**

500,000 feet of Glass.

Headquarters for fine AMERICAN BEAUTIES.

51 Wabash Avenue, CHICAGO.

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A. L. RANDALL

Telephone 1496



Wholesale Florist,

4 Washington St., Chicago.

In our new and enlarged quarters we are better prepared than ever to handle your orders.

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WHOLESALE GROWER OF ROSES. DEALER IN CUT FLOWERS.

J. A. BUDLONG,

37-39 Randolph St., CHICAGO, ILL.

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Maplewood Cut Flower and Plant Co. GEO. M. KELLOGG, Pres.

Growers of CUT FLOWERS at Wholesale.

Regular shipping orders given special attention. We have the largest plant west of Chicago.

Store: 906 Grand Ave., KANSAS CITY, MO.
Greenhouses; Pleasant Hill, Mo.

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WIETOR BROS.Wholesale Growers of **Cut Flowers.**

All telegraph and telephone orders given prompt attention.

51 Wabash Avenue, CHICAGO.

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C. A. KUEHN WHOLESALE FLORIST

Cut Flowers and Florists' Supplies.

Manufacturer of the Patent Wire Clamp Floral Designs. A full line of supplies always on hand. Write for catalogue and prices.

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WHOLESALE FLORIST,

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ELLISON & TESSON, WHOLESALE SHIPPING**FLORISTS**

3134 Olive Street, ST. LOUIS, MO.

...Home Grown Stock...

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Cincinnati Cut Flower Co.W. A. MANN.
FRANK W. BALL.

416 Walnut St. CINCINNATI, O. Wholesale Florists

Consignments Solicited.
Special Attention Given to Shipping Orders
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BEAUTIES

THE BEST

**CUT
FLOWERS**

THE BEST

E. C. AMLING

WALTER S. HEFFRON,
MGR.

32-34-36 Randolph St.
CHICAGO.

ROSES

**MARKET
RATES**

ROSES

Carnations

Our Specialty

BENTHEY & CO.

Wholesale and Commission Florists,

41 Randolph Street,
CHICAGO. ❀ ❀

Cut Flowers

....FOR....

EASTER!

Try and give us your order for Easter as soon
as possible to avoid being disappointed.

	Per 100
Harrisii and Longiflorum Lilies.....	\$10.00 to \$12.00
Callas	10.00 to 12.00
Am. Beauties, long	35.00 to 50.00
medium	15.00 to 30.00
Maids, Brides.....	6.00 to 8.00
Meteors.....	6.00 to 8.00
Perles.....	5.00 to 7.00
Carnations.....	3.00 to 4.00
fancy	4.00 to 6.00
Violets	1.00 to 1.25
Valley.....	4.00 to 5.00
Romans.....	2.00 to 3.00
Dutch.....	3.00 to 5.00
Daffodils.....	2.00 to 3.00
Tulips	3.00 to 5.00
Mignonette	1.00 to 3.00
Marguerite	1.00
Forget-me-not	1.00
Smilax	12.00 to 15.00
Adiantum	1.00
Ferns.....per 1000, \$2.00	.25

PLACE YOUR
EASTER ORDERS EARLY.

WE WILL TREAT
YOU RIGHT.

THIS YEAR'S
CUSTOMERS MUST BE
OURS NEXT YEAR.

→EASTER

Florists' Supplies

KENNICOTT

42 and 44 East
CHICAGO

EASTER PRICE LIST.

Subject to Change Without Notice.
We always ship extra select or high grade goods unless otherwise ordered.

P. AND D. AT COST.

	Price Per 100
AM. BEAUTIES, short.....	\$10.00 to \$12.50
AM. BEAUTIES, medium.....	15.00 to 18.00
AM. BEAUTIES, fancy, fair length	25.00 to 35.00
AM. BEAUTIES, long.....	50.00 to 75.00
METEORS, extra select	8.00 to 10.00
BRIDES, MAIDS, extra select	6.00 to 8.00
METEORS, BRIDES, MAIDS, good average	5.00 to 7.00
PERLES, extra select	4.00 to 6.00
ROSES, our selection, 2nds.....	4.00
CARNATIONS, special fancy varieties.....	6.00
CARNATIONS, choice	4.00 to 5.00
CARNATIONS, good average	2.50 to 3.50

If it's to be had in Chicago you can get it

FLOWERS

THAT OUR
BUSINESS
METHODS
ARE RIGHT
IS PROVED BY
THE STEADY INCREASE
IN THE
VOLUME OF
OUR BUSINESS.

T BROS. CO.

Randolph Street,
GO, ILL.

Wire Work...

of K. Bros. Co., and at ruling market rates.

EASTER PRICE LIST.

All Flowers in Season at Lowest Market Rates.
We always ship extra select or high grade goods unless otherwise ordered.

P. AND D. AT COST.	Price Per 100
CARNATIONS, our selection, 2nds	\$ 2.00
VIOLETS and PANSIES .....	.60 to .75
VALLEY, our specialty, the best	2.50 to 3.50
SMILAX	12.50 to 15.00
HARRISII	12.50
CALLAS	12.50
DAFFODILS, single and double	2.00 to 4.00
DAISY, FORGET-ME-NOT .....	.75 to 1.00
ADIANTUM	1.00
ASPARAGUS..... per string, 50c to 75c.	
GALAX	per 1000, \$1.25
COMMON FERNS	per 1000, \$2.00
MAHONIA LEAVES	1.00
LEUCOTHOE SPRAYS..... per 1000, \$8.50	.75

SAMUEL S. PENNOCK. Wholesale Florist

{ Until further notice, will be open from }
6:00 a. m., to 11:00 p. m.

American Beauties and Valley Our Specialties. 1612-14-16-18 Ludlow St., Philadelphia, Pa.

Mention The Review when you write.

PITTSBURG.

Cut flower trade has been better this Lent than in former years. Carnations have been very scarce for a month or more, but roses are more plentiful since the days have lengthened.

Some very nice valley and longiflorum lilies are sent in by Fred Burki. Harrisii is rather poor and is of slow sale. A great many more tulips could have been used the past month.

The Ludwigs, at Allegheny Market, make a very nice display each day. They do a large business at less expense than the store men.

A. W. Smith gave up his stand in the market last summer and now devotes all his time and energy to his large store on Sixth avenue, Pittsburg, and his greenhouses at Mt. Washington. He will be ready for Easter with a large lot of bulbous stock.

A. M. & J. B. Murdock have dissolved partnership. Mr. A. M. Murdock will continue, as usual, the business at the old stand. He has been the active partner in the business anyway lately.

The outlook for Easter is higher prices for carnations, roses and lilies, with other stock about the same prices as last year. Lilies are not so plentiful as they were last year.

John Murchie, of Sharon Hill, has among a lot of good carnations a white seedling, in bloom, that seems to be better than any other white now on the market. He is taking especial care of it and as he is a very successful grower of carnations he will handle it all right.

His neighbor, McConnell, also a carnation grower, has been in the city on his way east to look up the new carnations and see them growing at their respective homes. He reports an off crop for Easter. BAER.

LOUISVILLE, KY.

Louise Haupt, wife of Mr. Fred Haupt, the florist, has purchased an interest in a very desirable piece of property on Fourth avenue, between Walnut and Chestnut streets, upon which will be erected a handsome four-story brick store building, the ground floor to be divided into two stores, one of which will be occupied by Mr. Haupt. The price paid for the property was \$38,000.

HUDSON, WIS.—One of B. L. Grant's vegetable houses was burned March 21 and 1,000 bushels of onion sets were destroyed. Loss covered by insurance.

PITTSBURG CUT FLOWER CO., Ltd. WHOLESALE FLORISTS.

Long Distance
Phone 2157.

CONSIGNMENTS SOLICITED.

No. 504 Liberty St.,
PITTSBURG, PA.

FLORISTS' SUPPLIES.

Write for Price List.

Mention The Review when you write.

Asparagus Plumosus

Cut Strings
8 feet long,
50c per string.

Nanus

Shipped
to any part
of the country.

W. H. ELLIOTT,
BRIGHTON, MASS.

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VEGETABLE PLANTS.

LETTUCE, Boston Market, Tennis Ball, Curled Simpson, Grand Rapids and other varieties, 15c per 100; \$1.00 per 1000; \$8.50 per 10,000, if by mail, add 10c per 100.

TOMATO, small plants for transplanting, in several varieties, 15 cts. per 100; \$1.00 per 1000.

PEPPER, small plants for transplanting, in several varieties, 25 cts. per 100; \$2.00 per 1000, if by mail, add 10 cts. per 100.

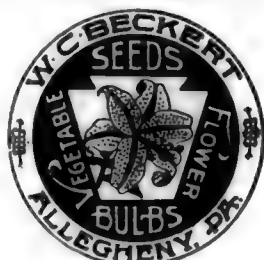
EGG PLANTS, New York Improved, for transplanting, 25c per 100; \$2.00 per 1000.

CELESTY, White Plume and Golden Self-Blanching, 15c per 100; \$1.00 per 1000.

Other Vegetable plants in season. Cash with order.

R. Vincent, Jr. & Son, White Marsh, Maryland.

Mention The Review when you write.



SEMPLES ASTER...

Choicest home grown seed. 1/4 oz. 25c; oz. \$1.00. In white, shell pink and lavender. Catalogue of all Flower and Vegetable Seeds for Florists and Market Gardeners, sent on application.

W. C. BECKERT,
Seedsman, Allegheny, Pa.

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Dracaena Indivisa.

Strong plants, in 2-inch, ready for 8-inch pots.

\$2.50 per 100; \$20 per 1000; \$55 per 3000.

THE FLORISTS' SUPPLY CO.,

Box 56, North Tonawanda, N. Y.

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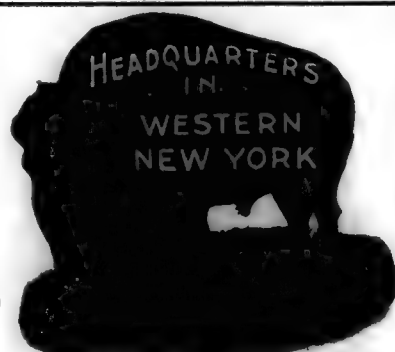
For Spring Planting. The Reliable new EVER-BEARING PEACH, also the ELBERTA and other choice varieties. JAPAN PLUMS, all the most approved sorts. Select assortment small fruits. Prices for above very reasonable. Address

MILFORD NURSERIES, - Milford, Del.

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GIVE US
A
TRIAL.
WE CAN
PLEASE
YOU.

Roses,
Carnations
and all
kinds of
Seasonable
Flowers
in stock.



WM. F. KASTING, Wholesale Commission Florist,
481 Washington St., BUFFALO, N. Y.
Also Dealer in Florists' Supplies and Wire Designs.

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JOHN B. FERGUSON, Wholesale Florist,

444 Sixth Ave., PITTSBURG, PA.

LONG DISTANCE 'PHONE 2085.

We Command a Good Market.

Consignments Solicited.

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A New Catalogue entitled

Flowers and Floral Designs.

Twelve pages and handsome cover. Shows forty-one arrangements, with prices. For agents' use, or promoting out-of-town trade. Sample 40c in Stamps. Circular Free.

DAN'L B. LONG, Publisher, BUFFALO.

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Cut Flower Exchange,

404 - 412 East 34th St., New York,

NEAR THE FERRY.

Open Every Morning at 6 o'clock for the sale of CUT FLOWERS.

Wall space for Advertising purposes to Rent.

J. DONALDSON, SECRETARY.

Mention The Review when you write.

Send 50c or \$1 for Samples and Prices of ROSES

Brides, Maids, Perles, Kaiserins, Woottons, Golden Gate, La France, or

GERANIUMS in 3-in. Pots. Pink, Red, White and Salmon.

GEO. A. KUHL, Pekin, Ill.

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PETER REINBERG

51 WABASH AVENUE,
CHICAGO.

LARGEST GROWER OF

Cut Flowers

IN AMERICA.

500,000 Square Feet of Glass.

EASTER PRICE LIST.

To Take Effect Tuesday, April 10th.

	Per Doz.
Am. Beauties, long	\$5 to \$8
medium	2.50 to 3
short	1.50 to 2

	Per 100
Meteor	\$ 6 to \$10
Bridesmaid	6 to 10
Bride	6 to 10
Perle	5 to 6
Golden Gate	10 to 12
Carnations	3 to 4
Valley	4 to 5

Quotations subject to change without notice.

All other stock at lowest market prices.
No charge for packing.



FANCY OR DAGGER

We have **FERNS....**

Laurel Festooning for decorations, 4c to 7c none better in the market.

PRINCESS PINE by the 100 lbs., \$3.50.
GALAX LEAVES, bronze or green.

Write for prices on everything.

CROWL FERN CO., Millington, Mass.

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BENTHEY & CO.

F. P. BENTHEY, Mgr.

WHOLESALE AND COMMISSION **Florists.** Consignments Solicited.

41 Randolph St. **CHICAGO.**

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Always Mention the....

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When Writing Advertisers.

..Attention Growers..

WE ARE LOOKING FOR.....

Consignments of CARNATIONS and all kinds of CUT FLOWERS. * We make daily reports of sales with remittance and credit you with any stock that may be carried over on next day's sales. * * SEND US A TRIAL SHIPMENT. * *

HUDSON & CO., 1527 Pine Street, **St. Louis, Mo.**



Send for Price List.

**KENTIAS,
LATANIAS,
FICUS,
ASPARAGUS,
DRACÆNAS, ETC.**

AZALEAS for immediate sales. Assorted colors from 60c to \$2.50 each.

Ask for our price list on **Perpetuated Palms.** Samples sent on request. Address

The Geo. Wittbold Co. 1708 N. Halsted St. **CHICAGO.**

SPECIAL OFFER....

I have several thousand 2-in. pot plants. Verbenas, nice strong bushy plants, all the colors except white. I want the bench room for S. A. Nutt and La Favorite Geraniums. To make them go quick I offer them at \$1.50 per 100; \$14.00 per 1000. Abutilon—Savitzii, 2-in. pots, per doz., 75c; \$6.00 per 100. Ageratum—Princess Pauline (True) R. C. per doz., 20c; \$1.00 per 100. Fuschias, R. C., mixed var., fine stuff, per doz., 20c; per 100, \$1.00.

S. T. DANLEY, - - MACOMB, ILL.

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THE FLORISTS' MANUAL.

The information given is very practical indeed and I believe every florist should own a Florists' Manual.

Chicago. **EDWIN A. KANST.**

BEGINNING APRIL 1st, KENNICOTT BROS. CO., CHICAGO,
WILL PAY ALL SHIPPERS ON MONDAY OF EACH WEEK.
TOO MUCH WORK TO CARRY MONTHLY ACCOUNTS.

WANT ADVERTISEMENTS.

Advertisements under this head 10 cents a line, an average of seven words to the line.

WANTED IMMEDIATELY—If in your vicinity there be a private gardener or a grower, you can earn money easily selling Tobacco Dust and Tobacco Whale Oil Soap. Write for particulars. H. A. Stoothoff, 116 West Street, N. Y. City.

FOR SALE—Sectional steam and hot water boiler, as good as new. For prices and particulars address Hopp & Lemke, Paul P. O., East Grand Rapids, Mich.

FOR SALE—Four-inch cast iron greenhouse pipe, 5 feet lengths, F. O. B., 15c per foot; in good order. Indianapolis Flower and Plant Co., Indianapolis, Ind.

SITUATION WANTED—Young man wants a situation in greenhouse or nursery. Roscoe C. Hinkle, Millersburg, Pa.

SITUATION WANTED—To take charge of commercial place, Illinois or Ohio preferred. Grower of roses, carnations, etc. Thoroughly competent and sober, age 32, single, wages \$30.00 per month and board. A reliable man in a good place. Address Reliable, care of Florists' Review.

WANTED—An experienced propagator as an assistant, must give good reference, \$40.00 per month for first year. Address at once Greene & Underhill, Watertown, N. Y.

SITUATION WANTED—As foreman in either private or commercial place. Best of references. Address C. J. R., care Florists' Review.

SEEDSMAN—Wanted a responsible and lucrative position by practical man controlling a good mail order trade, with some 50,000 live names. Capable as manager, buyer, salesman, or in any department of the business. Address Seedman, Cape Vincent, N. Y.

WANTED—An experienced florist and horticulturist to take charge of small park and conservatory. Address 20, care of Florists' Review.

FOR RENT—For a term of years—A six-room house and a greenhouse; hot beds; everything for use; at once; in a county seat with 7,000 population; about four squares from court house. Address R. Sutton, Fairmount, Ind., or Sidney Greenhouse, Sidney, Ohio.

For Sale. My Greenhouses, etc. About 6,000 feet of glass. A good retail trade. Terms easy. Address JACOB RAIFSTANGER, Great Barrington, Mass.

LANDSCAPE ENGINEER.

Plans for Gardens and Parks Drawn to Order, India ink or water color. Business advice in floriculture and horticulture. F. A. H., 500 33rd Avenue, Denver, Colo.

THE R. W. POWERS MARKET GARDEN.

consisting of 8½ acres, choice land, four greenhouses, large house and barn; built on honor and for own use; sickness compels change. An elegant place for any one wishing a choice country home; three railroads give access to New York and other large city markets.

Write CHAPMAN & CHAPMAN, ONEIDA, N. Y.

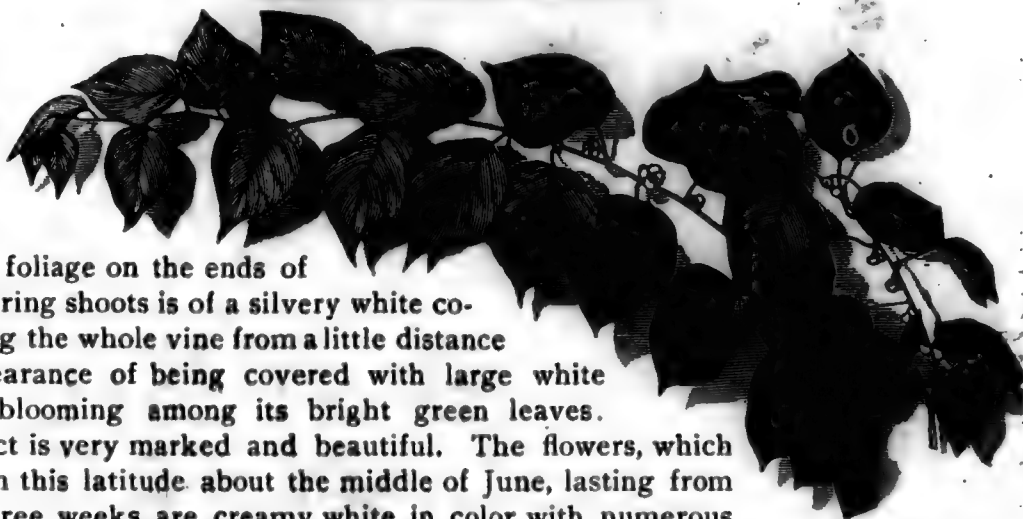
FOR SALE.

Owing to the death of Aloys Mueller, a most thorough florist, his entire business, situated in New Brunswick, N. J., must be disposed of. There are twenty-four city lots under cultivation, upon which are the hothouses and other buildings, together with private dwelling, that are necessary for the successful carrying on of the business. The place is in excellent location—trolley lines—stone roads. Terms liberal. Immediate possession. Apply to Executors of Estate of Aloys Mueller, Com. Ave. & Sandford St., New Brunswick, N. J.

SILVER-SWEET VINE.

(Actinidia polygama.) TRUE.

A new, hardy climber of remarkable beauty from Japan.



The foliage on the ends of the flowering shoots is of a silvery white color, giving the whole vine from a little distance the appearance of being covered with large white flowers blooming among its bright green leaves. The effect is very marked and beautiful. The flowers, which appear in this latitude about the middle of June, lasting from two to three weeks, are creamy white in color with numerous stamens with bright yellow anthers, and resembles the lily of the valley in fragrance.

Offered in two sizes, \$1.50 and \$1.00. Send for circular.

J. W. CLARK, NORTH HADLEY, MASS.

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De Graaff Bros. Holland Bulb & Plant Wezelenburg & Son,

BULBS.

IMPORTING AGENCY.

Forcing Plants, Etc.

DE GRAAFF BROS. are the largest growers of new and leading varieties of Bulbs in Holland, and have built their reputation and an immense trade with England by honorable square dealing and first class goods at reasonable prices.

WEZELENBURG & SON are the most extensive growers of potted Forcing Plants in Holland. Azaleas, Rhododendrons, Roses, Trees and Ornamental Shrubs, etc., etc. Established 1830.

SEND FOR ILLUSTRATED CATALOGUE, Special American Edition, to

F. S. PEER, Mt. Morris, N. Y. Sole Agent for United States and Canada.

Also Roman Hyacinths and Paper Narcissus especially grown in France. Bermuda and California Lilies. English Manetti Stocks and choice tested Novelties.

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FOR SALE.

102 acres of fine land, part cultivated	\$2,800
Lot 52x241, four Greenhouses, Sheds, etc...	3,700
¾ of an acre, city property, Greenhouses well stocked, fine condition, bargain...	3,700
Lot 100x125, five Greenhouses stocked, fine dwelling	4,800
25 acres; good shipping center, Southwest, fine Orchards of pears, cherries, etc...	6,500
60 acres, 33 acres in fruit, six Greenhouses, well established business	7,500
7 acres, seven Greenhouses, land highly cultivated, large dwelling	9,500

Any of the above named properties is a bargain and those desiring to purchase will do well to communicate with us. These are only a few of the properties that we have for sale and leasing.

SMITH & SMITH, 345 Sixth Ave., PITTSBURG, PA.
 P. O. Box 869.

Always Mention the....

Florists' Review

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FOR EASTER.

J. AUSTIN SHAW will select Flowering plants, Novelties or Cut Flowers for out-of-town Florists free of charge, for the Easter trade. Write him immediately at 271 Broadway, New York.

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NOW READY. New Pink Chrysanthemum MISS FLORENCE E. DENZER.

Certificated by the C. S. A., Dec. 21, '99.

The latest Mum. Blooms for Christmas. See cut in Florists' Review of Dec. 21, 1899. Rooted cuttings, \$8 per 100; from 2½-in. pots, \$10 per 100. A. C. ZVOLANEK, Summit Av., West Hoboken, N. J.

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W. T. TOR BROS.

51 Wabash Ave., CHICAGO, ILL.

**WHOLESALE GROWERS
OF CUT FLOWERS.**

FLOWERS FOR EASTER.

Roses, Carnations, Lilies, Etc.

Wholesale Price List.

Am. Beauty, extra long, per doz.	\$3 00 to \$6 00
" 24-inch stem, "	3 50 to 4 00
" 20 " "	2 50 to 3 00
" 15 " "	1 50 to 2 00
" 12 " "	1 00 to 1 50
" 8 " "	1 00
Meteor.....per 100,	4 00 to 8 00
Bridesmaid....."	6 00 to 8 00
Bride....."	6 00 to 8 00
Perle....."	3 00 to 5 00
Carnations....."	3 00 to 4 00
" fancy....."	5 00
Harrisii Lilies....."	12 00 to 15 00

All other stock at lowest market prices.
No charge for packing.

Subject to change without notice.
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ESTABLISHED 1802

THORBURN'S SEEDS

Our Wholesale Price List of
Choice Flower Seeds for Florists
is now ready. A post-card
will bring it to you.

We have still on hand some of our
LILY OF THE VALLEY PIPS,
The Finest that come to this Country.
Per 1000, \$10.00. Cases of 3000 at \$9.00 per 1000

J. M. THORBURN & CO.

(Late of 15 John Street)

36 CORTLANDT STREET, NEW YORK

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mail us items of general trade interest
at any time.

Trade List
now ready! **5000**

Each of the Following:

- DAHLIAS.** Whole roots, fine assortment at \$60.00 per M.
- WICHURAIANA ROSES.** 1 and 2 years, \$50.00 and \$75.00 per M.
- ROSA MULTIPLORA JAPONICA.** 2 and 3 yrs., \$50 and \$75 per M.
- ROSA RUGOSA.** 3 to 4 feet, at \$250.00 per M.
- HALL'S HONEYSUCKLE.** Strong, \$50.00 per M.
- CLEMATIS PANICULATA.** Pot grown, \$60.00 per M.
- Clematis Paniculata.** 2 yrs. field grown, \$90.00 per M.

The Wm. H. Moon Co.
Morrisville, Pa.

MARTINSVILLE, IND.—The Martinsville Floral Co. now control the Winn greenhouses, and Nixon H. Gano, formerly of Chicago, is manager. The intention is to add considerable new glass and to improve the establishment in other ways.

Begonia Caledonia The White Lorraine

We are now booking orders for
Fall Delivery.

Plants from 3-½ inch pots,
\$5.00 each.

R. & J. FARQUHAR & CO.

16 and 19 South Market St.,
BOSTON, MASS.

LANSING, MICH.—Back water from the river, which is very high, flooded the boiler pit at the greenhouses of Florist Fitzsimmons last week and put out his fires for a time. It took a big force of men to pump out and prevent serious loss.

PLANTS.

	Per 100
Anthericum, 8-in.....	\$6.00
Abutilon Var., trail'g, 2½-in.....	4.00
Begonia, Rex, assort., 2½-in.....	4.00
named,	6.00
4-in.....	10.00
Coleus, 2¼-in.....	8.00
Fragrant Calla, 2¼-in.....	\$1.50 pr dz.
4-in.....	\$3.00 pr dz.
Forget-Me-Not (Winter Flowering), 2¼-in..	4.00
Fuchsia, 2¼-in.....	4.00
Geraniums, Happy Thought, 2¼-in.....	4.00
Silver Leaf, 2¼-in.....	4.00
Mrs. Pollock, 2¼-in.....	4.00
Lemon Verbena.....	\$3.00, \$4.00, 6.00
Mignonette, 2-in.....	2.00
Manettia bicolor. 2¼-in.....	4.00
Single Petunias, from Flats.....	1.50
Palm, Washingtonia filefera, 2¼-in.....	4.00
Pansy Plants, \$3.00 per 1000.....	1.00
5.00 ".....	.60
Vinca. 2¼-in.....	3.00

Mention The Review when you write.

YOU CAN easily find what you want
in The Review's Classified ads.

Mention The Review when you write.

Mention The Review when you write.

Mention The Review when you write.

Mention The Review when you write.

Mention The Review when you write.

It has all the
habits, grace
and fragrance of
The American Beauty,
(of which it is a sport)
but has
the fine
PINK COLOR
of
MME. TESTOUT.

.....WHO IS THE..... QUEEN OF EDGELY?

It is the famous **NEW ROSE**--the long-looked for
→ **Pink American Beauty** ←

which has been so favorably received at the exhibition of the
AMERICAN ROSE SOCIETY, Eden Musee, New York, March 27, 28,
29, 1900, having won the only distinction to which, as a new
comer, it was eligible, viz.:

A CERTIFICATE OF MERIT.....

THIS IS WHAT THE NEW YORK PRESS HAS TO SAY ABOUT IT:

N. Y. HERALD.

There was the new American Beauty, a rose as large and as well formed as its darker sister, and of a delicate pink color. Many of the patronesses stopped before the great clusters of this new flower and expressed the greatest admiration for its beauty and its gracefulness. There are many who regard it as more beautiful than the well known rose from which it has developed.

N. Y. TIMES.

The novelty of the exhibition was the long-looked-for pink American Beauty, of which so much has been said and which has never been shown before. Its History is an interesting one, and shows how fortunes come accidentally to the rose grower as they do to some other toilers. Four years ago, in a house devoted to the propagation of American Beauties, at Edgely, Penn., by the Floral Exchange Company, of Philadelphia, a freak

made its appearance. To rose growers it was called a "sport," and its growth was carefully watched.

Soon a small pink bud made its appearance, the only blonde in that household of lovely brunettes. Modestly it unfolded, and then its growth for four years under special conditions was as carefully looked after as the most delicate child. It grew and thrived, and last night the queenly blonde received homage from her courtiers. The American Rose Society awarded it a certificate, which means that she is lovely as well as a debutante. She will not stoop to trade until next spring, when in the busy marts she will vie for favor with her brunette sister. All this is the result of an accident that even the growers do not attempt to explain. It was their luck, they say, that is all.

N. Y. WORLD.

The Queen of Edgely, a cousin to the American Beauty, has created a furor. Mrs.

Morris K. Jesup, Mrs. John Trevor, Mrs. A. A. Joline have all sworn allegiance to the reigning sovereign, which bids fair to hold unquestioned sway. The rose is of a pale pink hue, infinitely soft in effect in decorations. It is a baby queen, a novelty, without a rival, and therefore not eligible for a prize.

N. Y. SUN.

A vase of huge pink Queen of Edgely roses, the biggest rose shown, and a variety of the American Beauty.

NEW YORKER HEROLD (GERMAN.)

The highest triumph of the exhibition was the new pink American Beauty, "Queen of Edgely," from the nurseries of the Floral Exchange, Philadelphia and Edgely, Pa. This rose, when fully expanded, measures 6 to 7 inches, and is queen of queens among roses.

This Rose originated at the nurseries of **THE FLORAL EXCHANGE, EDGELY, PA.**, four years ago, and has been under careful and continuous observation since that time. This Rose we can strongly recommend, and we will be ready to distribute it in the Spring of 1901. Address all communications to the office of

THE FLORAL EXCHANGE, Inc., 335 N. 6th St., Philadelphia, Pa.

Mention The Review when you write.

Fine Stocky Plants

Per 100
Alternantheras, yellow, \$1.75 per 100; red..... \$2.00
Oxalis floribunda, fine for vases 2.00
Coleus, 2 and 2½-in. pots, good assortment .. 2.00
Geraniums, 2½-in. pots, my selection..... 3.00
Geraniums, 3-in. " 4.00
Centaurea Gymnocarpa, 2-in. pots 2.00
Ageratum, 8 varieties, 2-in. pots..... 2.00
Verbenas, 2½-in. pots, good varieties 2.00
Vinca Vines, 2 varieties, fine plants 3.00
Double Petunias, 8 in pots..... 3.75
Asparagus Sprengeri, May 1st 4.00
Smilax, 2-in. pots, May 1st, per 1000, \$3.00 ... 1.00
Heliotrope, white and purple 2.50
CASH PLEASE.

JOS. H. CUNNINGHAM,
DELAWARE, OHIO.

Mention The Review when you write.

FORGET-ME-NOT, winter blooming, R. C., \$1.00; from flats \$1.50; 2-inch, \$2.00 per 100.
DBLE. ALYSSUM, R. C., \$1.00; from flats, \$1.50; 2½-inch, \$2.00 per 100.
AGERATUM, white and blue, R. C., 75c; flats, \$1.00; 2 and 2½-inch, \$1.50 per 100.
VARIEGATED VINCAS, R. C., \$1.00; from flats, \$1.50 per 100.
RUBBECKIA, 3-inch pots, ready April 15th, \$3.00 per 100. Cash with order please.

Charles S. Dutton, 85 W. 12th St., HOLLAND, MICH.

Mention The Review when you write.

Always Mention the....

Florists' Review

When Writing Advertisers

New Rose LIBERTY.

We can still supply (immediate delivery) a fine lot of this grand new Rose.
Plants on their own roots, 2½-inch pots.
In lots of 100 or over 25c each.
" 50 " 30c "
" 25 " 50c "
" 12 " 60c "
Single plants 75c "
Grafted plants from 2½-inch pots.
In lots of 100 or over 40c each.
" 50 " 50c "
" 25 " 60c "
" 12 " 75c "
Single plants \$1.00 "

HENRY A. DREER,

714 Chestnut Street, * * * PHILADELPHIA, PA.

Mention The Review when you write.

FIRST PRIZE for 50 American Beauties

AT THE AMERICAN ROSE SOCIETY EXHIBITION.
Plants from 2x3-inch Rose pots, \$6.00 per 100; \$50.00 per 1000.

JOSEPH HEACOCK, WYNCOTE, PA.

Mention The Review when you write.

Winter Flowering Roses....

GRAFTED AND ON THEIR OWN ROOTS.

—SEND FOR OUR PRICES—

J. L. DILLON, - - - Bloomsburg, Pa.

SOCIETY OF AMERICAN FLORISTS.

Official Catalogue and Souvenir.

The official catalogue and souvenir of the annual convention of the Society of American Florists for 1900 is now in the hands of the "Printing and Advertising Committee," who are prepared to receive applications for advertising space in same. Many prominent firms have already contracted for substantial space. All intending advertisers should address at once Mr. Chas. B. Weathered, 46 Marion St., New York City, for further information.

S. A. F. Trade Exhibit.

The manager of the Trade Exhibit, Mr. Jno. P. Cleary, is busily engaged in assigning spaces to exhibitors, who are determined to make this the banner exhibition. All wishing space should apply at once to Mr. Cleary, so as to give him ample time to arrange allotments. Securing spaces early will avoid much confusion that will unavoidably occur if left till shortly before the meeting. Address all applications to Jno. P. Cleary, Manager Trade Exhibit, S. A. F. Conv., 1900, 60 Vesey St., New York City.

The BEST CARNATIONS are Most Profitable.

NOVELTIES OF 1900.

from soil.	Per doz.	Per 100
Ethel Crocker, pink.....	\$1.50	\$10.00
Mrs. Lawson, cerise.....	3.00	14.00
The Marquis, pink.....	2.00	10.00
Olympia, variegated.....	2.00	10.00
Genevieve Lord, pink.....	2.00	10.00
Chicago, red Bradt.....	1.50	10.00
Mrs. Bertram Lippincott.....	2.00	10.00
Elm City, white.....	1.50	10.00
Morning Glory, pink.....	1.00	6.00
Rosemont, scarlet.....	1.00	6.00
Peru, pure white.....	1.50	10.00
Estelle, scarlet.....	2.00	10.00

Leading Standard Varieties.	Per 100	Per 1000
White Cloud, white.....	\$3.00	\$25.00
Daybreak, pink.....	2.00	15.00
G. H. Crane, scarlet.....	6.00	50.00
Gen. Maceo, crimson.....	6.00	50.00
Mrs. Bradt, variegated.....	4.00	35.00
Glacier, white.....	6.00	50.00
Melba, clear pink.....	4.00	35.00
America, scarlet.....	5.00	40.00
Flora Hill, white.....	2.00	15.00
Wm. Scott, pink.....	1.00	10.00
Jubilee, bright scarlet.....	2.50	20.00
Ivory, white.....	1.50	12.00
Mrs. Joost, pink.....	3.00	25.00
Evanston, scarlet.....	2.50	20.00
Gen. Gomez, crimson.....	5.00	40.00
Firefly, early scarlet.....	1.50	12.00
Tidal Wave, cerise.....	1.00	10.00

Order at once. Terms cash.

Geo. Hancock & Son,
GRAND HAVEN, Mich.

Mention The Review when you write.

CARNATIONS...

STRONG WELL-ROOTED CUTTINGS. SELECT STOCK.

	Per 100	Per 1000		Per 100	Per 1000
G. H. Crane.....	\$6.00	\$50.00	Gomez.....	\$5.00	\$40.00
Morning Glory.....	6.00	50.00	Mrs. Geo. M. Bradt.....	5.00	40.00
Gen. Maceo.....	6.00	50.00	White Cloud.....	4.00	30.00
Glacier.....	6.00	50.00	Mary Wood.....	3.00	25.00
America.....	5.00	40.00	Mrs. F. Joost.....	3.00	25.00

AND OTHER STANDARD SORTS.

FIVE 1900 NOVELTIES.

Mrs. Thos. Lawson.....	\$14.00 per 100, \$120.00 per 1000
Ethel Crocker.....	10.00 " 75.00 "
Marquis.....	10.00 " 75.00 "
Olympia.....	12.00 " 100.00 "
Genevieve Lord.....	10.00 " 75.00 "

SEND FOR DESCRIPTIVE PRICE LIST.

F. DORNER & SONS CO., LaFayette, Ind.

Mention The Review when you write.

CARNATION CUTTINGS.

WRITE FOR SPECIAL DISCOUNTS AND LET US
FIGURE ON YOUR WANTS.

	Per doz.	Per 100	Per 1000
Genevieve Lord, the peer of any light pink. Carnation ever offered. From sand or soil.....	\$2.00	\$10.00	\$75.00
Chicago, scarlet Bradt. From sand or soil.....	1.50	7.50	60.00
Mrs. Lawson, cerise pink.....	3.00	14.00	120.00
Olympia, variegated. Extra strong, from soil.....	2.00	12.00	100.00
Ethel Crocker, pink. From soil.....	1.50	10.00	75.00
Marquis.....	2.00	10.00	75.00
Estelle.....		10.00	75.00

	Per 100	Per 1000		Per 100	Per 1000
F. Joost, from sand or soil.....	\$2.50	\$20.00	Gold Nugget, from sand or soil.....	\$2.50	\$20.00
Mrs. Dean, from sand or soil.....	2.50	20.00	Argyle, from sand or soil.....	2.50	20.00
John Young, from sand or soil.....	2.50	20.00	Jubilee, scarlet.....	2.00	15.00
White Cloud, from sand or soil.....	4.00	30.00	Armazindy, variegated.....	2.00	15.00
Mrs. Bradt, from sand or soil.....	5.00	40.00	Evelina, white.....	2.00	15.00
Gen. Maceo, from sand or soil.....	6.00	50.00	Wm. Scott, pink.....	2.00	15.00
Gen. Gomez, from sand or soil.....	6.00	50.00	Daybreak, light pink.....	2.00	15.00
G. H. Crane, scarlet.....	6.00	50.00	Flora Hill, white.....	2.00	15.00

CHICAGO CARNATION CO., Greenhouses and Address, JOLIET, ILL.

Mention The Review when you write.

ELM CITY A Grand New White....

Carnation

Seedling of Lizzie McGowan
and Mme. Diaz Albertini,
in its fifth year.

The flowers are large, finely shaped and of strong fragrance. Petals are heavy, of good substance and nicely fringed. Calyx is very strong, after the style of Mme. Albertini, and none bursting; the stem strong, holding the flower erect. The plant is a good grower and free bloomer, not subject to stem rot or any disease. Rooted Cuttings ready February 1st, \$1.50 per doz., \$10 per 100, or \$70 per 1000. Cash with order. We shall prepay the express where money accompanies the order. Orders filled in rotation.

M. E. KRAUS, 320 Davenport Ave., NEW HAVEN, CONN.

Mention The Review when you write.

Genevieve Lord

The Peer of All Light Pink Carnations.

Speaking from a dollar and cent standpoint the above is literally true. There may be some larger, but when put to the test of an exacting commercial fire, none will stand the test and bring in the returns like Genevieve Lord. Its color is the kind that sells at sight. Stem the best of any carnation. A perfect, non-bursting calyx. Beautiful distinct form. In fact it has nearly everything that is wanted in a pink carnation. Customers recognize it at a glance, describing it as "that beautiful pink on the long stem."

Prompt delivery after April 10th. Stock all sold prior to that date.

What Growers Think of the Cuttings.

Genevieve Lord cuttings arrived in good order.—H. Dale, Brampton, Ont.

Your Genevieve Lord cuttings are the finest I have ever received of a new variety. If all others were as good I would have no kick coming.—Geo. R. Geiger, Nazareth, Pa.

The best carnation cuttings (Genevieve Lord) I ever received.—A. Herrington, Madison, N. J.

Genevieve Lord cuttings arrived safely, none the worse for their long journey.—J. Gam-mage & Sons, London, Ont.

Carnation cuttings received. They are extra fine, especially the Genevieve Lord. If I can only grow them as well as they look, I will be satisfied. Next time I want good stock I will know where to send.—W. H. Vance, Wilmington, Del.

Justice as well as gratitude demands my informing you that the carnation cuttings arrived the 16th inst., proving most satisfactory in every respect. I have yet to see as fine, healthy a lot of plants anywhere as these, and you have insured my future orders, so long as you continue to send out this high grade of plants. These cuttings are so far superior to those received from other growers that comparison can hardly be made; they are in a different class altogether.—James L. Lomerson, Phillipsburg, N. J.

PRICES:
Doe., \$2.00; 100, \$10.00; 1000, \$75.00

Catalogue free to all applicants, containing complete description of the above as well as all the big new ones, at introducers' prices; the best of last year's novelties and standard sorts, also a fine stock of new and standard sorts of chrysanthemums.

**H. WEBER
& SONS,**
OAKLAND,
MD. ❀ ❀

Mention The Review when you write.

What Experts Think of the Blooms.

Washington, D. C., January 12, 1900.
Messrs. H. Weber & Sons, Oakland, Md.

Dear Sirs: We have handled your new carnation, Genevieve Lord, for the past year, and beg to state that it is one of the finest carnations we have ever handled. It has become very popular here in Washington, its beautiful color making it a ready seller. Together with color, its most distinct points are its extra long stems and perfect, erect habit. It has a marked individuality, enabling customers to recognize it at a glance. It is one of the few new carnations that have so many good points, and we feel satisfied that it has a great future before it. It is some little trouble to educate people up to paying \$3 and \$4 per dozen for carnations, but if any carnation will bring the price, it is Genevieve Lord. Yours very truly,
(Signed) J. H. SMALL & SONS.

Cincinnati, Ohio, January 16, 1900.
Messrs. H. Weber & Sons, Oakland, Md.
Gentlemen: I want to congratulate you on being the introducers of Genevieve Lord, your new pink carnation. Although I have not seen it growing, I have seen it exhibited at nearly all seasons of the year, and, taking all its good qualities into consideration, I believe it to be the best pink of its class in the market to-day. It is strictly a commercial flower, and will produce the dollars and cents. I predict for you a phenomenal sale of this carnation. Yours very truly,
(Signed) E. G. GILLET.

St. Louis, Mo., January 24, 1900.
Messrs. H. Weber & Sons, Oakland, Md.
Dear Sirs: In regard to what I think of Genevieve Lord, and what I heard spoken about it at the meeting is this: Color just right and what is wanted, and will sell. Shape and size as good, if not better, than any carnation ever sent out. Very sweet. Stems the best ever seen on any carnation ever sent out. In keeping and shipping qualities it beats any carnation that I have ever seen. I mentioned last time in my letter to you that they looked as fresh as if they had just been cut. Yours very truly,
(Signed) E. SCHRAY,
Sec'y St. Louis Florists' Club.

ETHEL CROCKER.

Absolutely the finest
PINK CARNATION.....
ever offered the trade.

It has been in full bloom since September 15th without any stop, it is in full bloom to-day and as full of buds as many varieties that do not bloom until about this time.

It is a good, strong grower and plants procured any time in April will give you good results next winter.

25 for \$2.50; 100 for \$10.00;
250 for \$18.75; 1000 for \$75.00.

ALBERT M. HERR,
LANCASTER, PA.

Mention The Review when you write.

Sandusky!

The best all-round Variegated Carnation. Try it and be convinced. Rooted cuttings \$5.00 per 100.

W. E. HALL, - CLYDE, OHIO.

Mention The Review when you write.

PERPETUAL BLOOMING HYBRID

CARNATIONS

Crossings between
MARQUERITE AND REMONTANT.

They are what we can recommend as truly Summer flowering varieties, beginning to bloom in the field in July and continue until frost sets in. Flowers medium size, growth very rapid.

Can offer them in 10 varieties, in as many different colors, well established plants, at \$5.00 per 100 by express, or the set of 10 varieties R. C. for 50c by mail. **ETHEL CROCKER**, the best Pink Carnation, well established plants, from 2½-inch pots, \$10.00 per 100; R. C., \$8.00 per 100.

C. EISELE, 11th and Jefferson Sts.
PHILADELPHIA, PA.

Mention The Review when you write.

Carnation Cuttings...

HOW READY.

Jubilee, White Cloud, Daybreak, Flora Hill and other standard varieties. Write for prices. We control the original stock of **MME. CHAPMAN** the Grand Rapids pink sport of D. B.

CRABB & HUNTER, Grand Rapids, Mich.

Mention The Review when you write.

PANDANUS VEITCHII.

Highly colored, 12 to 15 inches high above 6-in. pots. Choice stock. Price \$1.00 each; \$12.00 a doz.; also a few 7-in. at \$1.50 each, and 8-in. at \$2.00 each.

JOHN WELSH YOUNG,
Upsal Station, GERMANTOWN,
Penna. R. R. PHILADELPHIA, PA.
Mention The Review when you write.

Look Here!

Strong Carnation Cuttings

FROM FLATS.....

John Young, Genesee, Melba, \$2.00 per 100; \$18.00 per 1000.

Firefly, John's Scarlet, Flora Hill, Daybreak, Storm King, Armazindy, Helen Keller, Albertini, \$1.50 per 100; \$13.00 per 1000.

Scott, McGowan, Portia, \$1.25 per 100; \$10.00 per 1000.

250 at 1000 rates. Cash with the order.

Also a full line of **BEDDING PLANTS.**

James E. Beach, Box 776, Bridgeport, Conn.

Mention The Review when you write.

CARNATIONS.

BEST NEW AND STANDARD VARIETIES.
Write for catalogue and prices.

W. P. PEACOCK, ATCO, N. J.

Mention The Review when you write.

NEW CROP WINTER BLOOMING CARNATION SEEDS.....

Hand Fertilized. 25 cents per 100.

CASH WITH ORDER.

AMERICAN ROSE COMPANY,
WASHINGTON, D. C.

Mention The Review when you write.

CLASSIFIED PLANT ADVERTISEMENTS.

Rate for advertisements under this head, 10 cents a line net, per insertion. New advs. and changes must reach us by Wednesday morning at latest to secure proper classification in issue of Thursday.

ABUTILON.

Abutilon Savitzii, 2-in., 75c per doz.; \$6.00 per 100. S. T. Danley, Macomb, Ill.

Abutilon, var., trailing, 2 1/4-in., \$4.00 per 100. Greene & Underhill, Watertown, N. Y.

Abutilon, mixed, 2 1/4-in., \$2.00 per 100. Morris Floral Co., Morris, Ill.

ACACIAS.

A. paradoxa, fine Easter plant, each 30c, 50c, 75c, 1 ft., 1 1/2 ft., 2 ft. Order now. K. J. Kuyk, Ghent, Belgium, care J. Ter Kuile, 23 Broadway, New York.

ACALYPHA.

Acalypha Sanderi, strong 3-in., well hardened plants, \$1.25 per doz.; \$10.00 per 100. Cottage Gardens, Queens, N. Y.

Acalyphas, Mosalca and Marginata, \$3.00 per 100. Dickerson & Belden, Miami, Fla.

ACHYRANTHES.

Achyranthes, rooted cuttings, \$1.00 per 100. Greene & Underhill, Watertown, N. Y.

AGERATUM.

Ageratum Stella Gurney. The best dwarf blue Ageratum yet introduced. Habit perfect, color deep and very free. \$1.25 per doz.; \$8.00 per 100. H. A. Dreer, 714 Chestnut St., Phila., Pa.

Ageratum, white and blue, rooted cuttings, 75c; flats, \$1.00; 2 and 2 1/4-in., \$1.50 per 100. Cash. Chas. S. Dutton, Holland, Mich.

R. C., blue and white, \$1.00 per 100; Princess Pauline, \$1.25 per 100. Greene & Underhill, Watertown, N. Y.

Ageratum Princess Pauline, the only one to grow. Extra strong, 2 1/4-in., \$2.50 per 100. South Side Floral Co., Springfield, Ill.

Cope's Pet, blue; Lady Isabel, white, 60c per 100; \$5.00 per 1000. C. Humfeld, Clay Center, Kan.

Ageratum rooted cuttings, Princess Pauline, true, 20c per doz.; \$1.00 per 100. S. T. Danley, Macomb, Ill.

Ageratum, 3 varieties, 2-in., \$2.00 per 100. Jos. H. Cunningham, Delaware, O.

Princess Pauline, R. C., 1/2c: Plants, 1c. W. B. Woodruff, Westfield, N. J.

ALTERNANTHERA.

Rooted cuttings August struck. Paronchoides Major and Aurea Nana, 60 cts. per 100; \$5.00 per 1000 prepaid. G. W. WEATHERBY, Chillicothe, Mo.

R. C., red and yellow, 60c per 100; \$5.00 per 1000; summer struck, \$1.00 per 100; \$3.00 per 1000. Greene & Underhill, Watertown, N. Y.

Alternanthera, rooted in August, 50 cts. per 100; \$4.00 per 1000. Orange Floral Co., West Orange, N. J.

Alternantheras, fine, stocky plants, yellow, \$1.75; red, \$2.00 per 100. Cash. Jos. H. Cunningham, Delaware, O.

Alternantheras, red and yellow, \$3.00 per 1000, bushy plants, 2000 for \$5.00. Dickerson & Belden, Miami, Fla.

10,000 alternantheras; red and large leaved, 2 1/4-in., \$1.50 per 100. Morris Floral Co., Morris, Ill.

Alternantheras, red and yellow, 50c per 100; \$4.00 per 1000. C. Otto Schwabe, Jenkintown Pa.

Alternanthera plants, 50c per 100. Cash please. Theo. Fuhr, Box 612, Alliance, Ohio.

Red and yellow, transplanted, 65c per 100. J. S. Bloom Reigelsville, Pa.

Alternantheras, send for trade list. D. K. Herr, Lancaster, Pa.

ALYSSUM.

Double Alyssum, rooted cuttings, \$1.00; flats, \$1.50; 2 1/4-in., \$2.00 per 100. Cash. Chas. S. Dutton, Holland, Mich.

Double white, strong, 2 1/4-in., \$3; cuttings, 60c per 100. A. G. Fehr, Belleville, Ill.

Double giant, \$1.00 per 100. Greene & Underhill, Watertown, N. Y.

Alyssum, strong 2-in., 2c. South Side Floral Co., Springfield, Ill.

R. C. sweet alyssum, \$1.00 per 100. Mrs. F. W. Poore, Haverhill, Mass.

Alyssum, double giant, \$1.00 per 100. C. Otto Schwabe, Jenkintown, Pa.

Little Gem, from seed bed; 100, 25c. Jerome Harley, Media, Del. Co., Pa.

ANTHERICUM.

3-in., \$6.00 per 100. Greene & Underhill, Watertown, N. Y.

AQUATIC PLANTS.

We are headquarters for water lilies and aquatic plants of all kinds. Henry Dreer, 714 Chestnut St., Phila., Pa.

ARAUCARIAS.

Araucaria excelsa, 2 1/4-in. pots, 2 to 3 tiers, \$16.00 per 100; 3-in. pots, 6 to 8 in., 3 tiers, \$20.00 per 100. F. Ludemann, Pacific Nursery, San Francisco, Cal.

ASPARAGUS.

Sprengeri, 2 1/4-inch, extra strong, \$5.00 per 100; 3-inch, extra strong, \$7.00 per 100; 4-inch, very fine, \$1.75 per doz.; 5-inch, very fine, \$2.50 per doz. Our Sprengeri are extra heavy stock with sprays a foot or more in length and should not be compared with young stock usually sent out. The Calla Greenhouses, Calla, O.

A. plumosus nanus seed, doz., 15 cts; 100, \$1.00; 1000, \$9.00. A. Sprengeri, doz., 10 cts; 100, 75 cts; 1000, \$6.00. H. H. Berger & Co., 47 Barclay St., New York.

Asparagus plumosus nanus, strong, bushy plants, 6 to 9-in. high, 2 1/4-in. pots, \$6.00 per 100. Cash. Robert Mann, 1258 So. Wash. Ave., Lansing, Mich.

Asparagus Sprengeri, 3 1/4-in., fine, bushy stock, \$1.00 per doz.; \$7.50 per 100. Cash. Benj. Connell, West Grove, Pa.

Sprengeri, 6-in., 35c; 10-in. baskets, \$1.00. Plumosus nanus, 3-in., \$8 per 100. A. G. Fehr, Belleville, Ill.

Asparagus Sprengeri, strong 2-in. stock, \$4.00 per 100. Cottage Gardens, Queens, N. Y.

Asparagus Sprengeri, May 1, \$4.00 per 100. Cash. Jos. H. Cunningham, Delaware, O.

Sprengeri, 2 1/4-in., \$3.50 per 100; \$30.00 per 1000. John A. Doyle Co., Springfield, Ohio.

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Azalea Mollis, dwarf, very large, heavily budded, \$35 and \$45 per 100. Standards, extra fine, heavily budded, \$75 per 100. Azalea Pontica, true to name, heavy plants, well budded, \$45 per 100. F. W. O. Schmitz, Jersey City, N. J.

Azalea Amoena, one of the choicest hardy, dwarf shrubs. Rooted cuttings, \$4.00 per 100 by mail; \$25.00 per 1000. From thumb pots, \$5.00 per 100; 3 1/4-in. pots, \$12.00 per 100. Samuel C. Moon, Morrisville, Bucks Co., Pa.

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Saxifraga Sarmantosa, fine plants, per 100, \$4.00. Variegated Ivy, 2-in. pots, per 100, \$2.00. Fly plant, in bloom, per 100, 60c. Air plant, plain and variegated, per 100, 60c. Cigar plant, per 100, 90c. Plants by mail prepaid. S. C. Brendel, West Newton, Pa.

German Ivy and Ageratum, 75 cts. per 100. Lobelia, dwarf and trailing, \$1.00 per 100. Solanum Jas. Alba, fragrant white flowers all summer, fine for vases, \$1.50 per 100. Cash. Orange Floral Co., West Orange, N. J.

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Begonia Duke Zeppelin. A sun-proof double scarlet variety; one of the best bedding varieties, 30 cents each; \$2.00 per doz.; \$15.00 per 100. Begonia New Frilled. These are perfection in tuberous rooted Begonias. Flowers from four to five inches across, with wavy petals which are frilled on the edges like a fine petunia, 25 cts each; \$2.50 per doz.; \$20.00 per 100. Single, rose scarlet, white, yellow, orange, 40c per doz.; \$2.50 per 100; \$20.00 per 1000. Singles in choicest mixture, 35c per doz.; \$2.00 per 100; \$18.00 per 1000. Double, rose, scarlet, white, yellow, 65c per doz.; \$5.00 per 100; \$40.00 per 1000; double in choicest mixture, 50c per doz.; \$4.00 per 100; \$35.00 per 1000. Henry Dreer, 714 Chestnut St., Phila., Pa.

Rex Begonias. We are headquarters for Rex Begonias. Fine young stock now ready. Many distinct varieties, \$4 per 100. Write for special price on 500 and 1,000 lots. Address all orders for Rex Begonias to us. G. R. Gause & Co., Earham View Greenhouses, Richmond, Ind.

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Tuberous Rooted Begonias, extra selected, in separate colors, single, \$25 per 1000; \$3 per 100. Double, \$40 per 1000; \$5 per 100. F. W. O. Schmitz, Jersey City, N. J.

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Begonias, send for trade list. D. K. Herr, Lancaster, Pa.

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Just received. Fine stock of the following bulbs:

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Caladium Esculentum, 5 to 7-in. cir.	.50	\$3.00
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Tuberose, Excelsior Pearl, 1st class, \$1.00 \$7.50. Tuberose, Excelsior Pearl, medium, .75 5.00.

Send us your orders now. We also have complete stocks of Gladiolus, Cannas, Lilies, and all spring bulbs.

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We are the sole agents, for the U. S. and Canada, for the largest grower of new and leading varieties of bulbs in Holland. Also French grown Romans and paper narcissus, Bermuda and California lilies. Write for illustrated catalogue. F. S. Peer, Mt. Morris, N. Y.

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Order now for next August delivery. White Roman hyacinths, 30 francs per 1000, 11-12 c. m., and 50 francs, 12-15 c. m. Narcissus paper white grandiflora, 18 francs per 1000. All best quality. F. O. B. Marseilles. Cases 2 francs each. 90 days from invoice accept. Prices for other bulbs on application. A. Clin, wholesale bulb grower, Hyeres (Var), France.

Roman hyacinths, Narcissus, paper white, and Grandiflora. Trumpet Major. True Freesia Refracta Alba, and all other bulbs for forcing. One of the largest houses in Europe for bulbs and imortelles in all colors, at wholesale only. The best prices can be obtained by writing. A. Roche, Ollioules, Var, France.

Bulbs, postpaid, per 100: Amaryllis Formosissima, \$3.00; Bessera Elegans, large bulbs, \$1.50; Milla Biflora, large bulbs, \$1.50; Tigridias, assorted, \$2.00; Zephyranthes, assorted, \$2.00. Remit by express money order. J. A. McDowell, Apartado 167, City of Mexico.

We have still on hand some of our Lily of the Valley pips, the finest that comes to this country at \$10.00 per 1000; case of 3000 at \$2.00 per 1000. J. M. Thorburn & Co., 36 Cortlandt St., New York.

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Warnaar & Co., late van Heemstra & Co., and Jac. Wezelenburg. Headquarters for Hyacinths, Narcissus, Tulips. Sassenheim, Holland. Ask for U. S. references as to quality.

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California grown bulbs. Send for our special trade list. California Nursery Co., Niles, California.

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Choice, \$1.00 and \$2.00 per doz. Good mixed collection, 50 plants, \$5.00. Echeveria Californica, fine bedder, \$3.00 per 100; off-sets, \$1.00 per 100. Mrs. M. E. Patterson, Glendale, Cal.

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A few thousand fancy leaved Caladium at less than real value. Among the above are some fine Brazilian varieties and very choice other kinds of all shades, named, and some under number. Address for particulars, F. J. Ulbricht, Lock Box 655, Anniston, Ala.

Caladium Albanense. Differs from all other fancy Caladiums. Leaves thick and heavy, spear shaped, and handsomely marked with red, green and creamy yellow, radiating from the center of leaf. 35 cts each; \$4.00 per doz. H. A. Dreer, 714 Chestnut St., Phila., Pa.

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Cannas, strong, dormant and the best. Florence Vaughan, Alphonse Bouvier, Queen Charlotte, Chas. Henderson, each, \$3.00 per 100. Alsace, white, 5c. Cash please. Benj. Connell, West Grove, Pa.

The 3 best solid red: Black Prince, \$10.00 per 100; Philadelphia, Duke of Marlborough, \$4.00 per 100. The Conard & Jones Co., West Grove, Pa.

Started from sand bed: Florence Vaughan, Queen Charlotte, Alp, Bouvier, Austria, separate, \$3.50 per 100; \$30.00 per 1000. Paul Mader, E. Stroudsburg, Pa.

Cannas started from sand bed. Austria, Italia, Robt. Christie, Geoffrey St. Hillare, and Chas. Henderson, \$3.00 per 100. J. Palmer Gordon, Ashland, Va.

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Cannas, Austria, Queen Charlotte, Crozy, etc., pot plants, strong, \$4.00 per 100. McGregor Bros., Springfield, Ohio.

Mme. Crozy, Austria, Florence Vaughan, Queen Charlotte and Henderson, \$1.50 per 100. J. D. Hooper, Richmond, Va.

Austria, \$2.00 per 100. Beach Nursery, 2310 Ave. Q, Galveston, Tex.

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C. Henderson and Austria, 1c. W. B. Woodruff, Westfield, N. J.

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America ..	3.00	25.00
Melba ..	3.00	35.00
Leslie Paul ..	3.00	25.00
Gov. Briggs ..	3.00	25.00
Mrs. Bradt ..	2.50	20.00
Frances Joost ..	2.50	20.00
Evanston ..	2.50	20.00
Jubilee ..	2.00	15.00
Gold Nugget ..	2.00	15.00
Flora Hill ..	1.50	12.50
Triumph ..	1.50	12.50
Victor ..	1.50	12.50
Daybreak ..	1.25	10.00
Argyle ..	1.25	10.00
Armazindy ..	1.25	10.00
McGowan ..	1.00	7.50
Pingree ..	1.00	7.50
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Evelina ..	1.00	7.50
Wm. Scott ..	1.00	7.50
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All Plants and Cuttings sold with the express understanding that if not satisfactory they are to be returned at once, when money will be refunded. Write for prices on larger lots.

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Morning Glory ..	6.00	50.00
Gen. Maceo ..	6.00	50.00
Glacier ..	6.00	50.00
America ..	5.00	40.00
Gomez ..	5.00	40.00
Mrs. Geo. M. Bradt ..	5.00	40.00
White Cloud ..	4.00	30.00
Mary Wood ..	3.00	25.00
Mrs. F. Joost ..	3.00	25.00

And other standard sorts.
FIVE 1900 NOVELTIES.
Mrs. Thomas Lawson .. \$14.00 \$120.00
Ethel Crocker .. 10.00 75.00
Marquis .. 10.00 75.00
Olympia .. 12.00 100.00
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Send for descriptive price list.
F. DORNER & SONS CO.,
LAFAYETTE, IND.

Wm. Scott Carnation. Cuttings are going fast; every first order sent out has hatched another, so do not delay, but order at once, as they will not last long, at \$6.00 per 1000. Mrs. Joost, Melba, \$2.50 per 100; \$20.00 per 1000. Flora Hill, Daybreak, \$1.25 per 100; \$10.00 per 1000. General Maceo, \$4.00 per 100; \$35.00 per 1000. Victor, Mayor Pingree, \$1.00 per 100; \$9.00 per 1000. Jubilee, \$1.50 per 100; \$12.00 per 1000. Cash with order. Carl E. Taube, Trenton, N. J.

Perpetual blooming hybrid carnations. Crossings between Marguerite and Remontant. They are what we can recommend as truly summer flowering varieties; they begin to bloom in the field in July and continue until frost sets in; flowers medium size, growth very rapid. Can offer them in 10 varieties, in as many different colors, at \$5.00 per 100, by express, from 2½-in. pots, or the set of 10 varieties, R. C., for 50 cents, by mail. Ethel Crocker, the best pink carnation, well established plants, from 2½-in. pots, \$10.00 per 100; R. C., \$8.00 per 100. C. Elsie, 11th and Jefferson sts., Phila., Pa.

Elm City, a grand new white carnation, seedling of Lizzie McGowan and Albertini, in its fifth year. The flowers are large, finely shaped and very fragrant. Petals are heavy, of good substance, nicely fringed. Calyx, strong, after the style of Albertini, none bursting. Stem strong, holding the flower erect. The plant is a good grower and free bloomer. Rooted cuttings ready Feb. 1 at \$1.50 per doz.; \$10.00 per 100; \$70.00 per 1000. We prepay the express when money accompanies the order. M. E. Kraus, 329 Davenport Ave., New Haven, Conn.

Carnation cuttings. G. H. Crane, \$5.00 per 100; Evanston, \$2.50 per 100; \$20.00 per 1000. White Cloud, Triumph, Gold Nugget and Jubilee, \$2.00 per 100; \$15.00 per 1000. Flora Hill, Daybreak, Argyle and Armazindy, \$1.25 per 100; \$10.00 per 1000.

Mayor Pingree, Wm. Scott and Tidal Wave, \$1.00 per 100; \$7.50 per 1000. McGowan, 75c per 100; \$5.00 per 1000.

All rooted cuttings sold under the condition that if not satisfactory they are to be returned at once and money will be refunded.

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Carnations. The best of existing varieties. Maceo, Crane, Morning Glory, \$6.00 per 100; \$50.00 per 1000. Gomez, Bradt, Melba, \$5.00 per 100; \$40.00 per 1000. White Cloud, \$4.00 per 100; \$30.00 per 1000. Mrs. James Dean, New York, \$3.00 per 100; \$25.00 per 1000. Scott, McGowan, \$1.50 per 100; \$12.00 per 1000. Ethel Crocker, \$10 per 100; \$75 per 1000. Olympia, extra strong, from soil or pots, \$12.00 per 100. Genevieve Lord, extra strong, from soil or pots, \$10.00 per 100.

The Cottage Gardens, Queens, N. Y.

New Carnation—Alma. The most productive carnation we have. Rose Pink, new, \$5.00 per 100; \$40.00 per 1000. Daybreak, \$2.00 per 100; \$15.00 per 1000. Wm. Scott, Genesee, Evelina, Portia and Bon Ton, \$1.50 per 100; \$10.00 per 1000. Victor, \$1.50 per 100; \$12.00 per 1000. F. Hill, \$1.75 per 100; \$15.00 per 1000. White Cloud, \$2.50 per 100; \$20.00 per 1000. Jubilee, \$2.00 per 100; \$15.00 per 1000.

C. Merkel & Son, Mentor, O.

Ethel Crocker. Absolutely the best pink carnation ever offered the trade. It has been in full bloom since Sept. 15 without any stop. It is in full bloom to-day and as full of buds as many varieties that do not bloom until about this time. Plants procured any time in April will give good results next winter. 25 for \$2.50; 100 for \$10.00; 250 for \$18.75; 1000 for \$75.00. A. M. Herr, Lancaster, Pa.

Big cut to make room; good, clean rooted cuttings, Peach Blow, Scott, Bridesmaid, Rose Queen, 75c per 100; \$6.00 per 1000. Flora Hill, Jubilee, Triumph, Kohinoor, \$1.50 per 100. Albertini, Armazindy, Emily Pierson, \$1.25 per 100; any of above from 2-in. pots, 50c more. Cash with order.

Logan Ave. Greenhouses, Danville, Ill.

ROOTED CARNATION CUTTINGS.	Per 100.	Per 1000.
Ethel Crocker	\$10.00	per 100
The Marquis ..	10.00	per 100
G. H. Crane ..	5.00	per 100
White Cloud ..	2.50	per 100
Mrs. Joost ..	2.00	per 100
Victor ..	1.25	per 100
Daybreak ..	1.25	per 100

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Carnations, strong cuttings from flats, John Young, Genesee, Melba, \$2.00 per 100; \$18.00 per 1000. Firefly, Jahn's Scarlet, F. Hill, Daybreak, Storm King, Armazindy, Keller, Albertini, \$1.50 per 100; \$13.00 per 1000. Scott, McGowan, Portia, \$1.25 per 100; \$10.00 per 1000. 250 at 1000 rate. Cash with order.

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Now ready, rooted cuttings. Maceo, Glacier, \$6.00 per 100; Evanston, \$2.50 per 100; Jubilee, Armazindy, Victor, A. Webb, \$2.00 per 100; F. Hill, Daybreak, Dana, Meteor, Morello, Cartledge, \$1.50 per 100; McGowan, Bridesmaid, Eldorado, Pingree, Portia, Jahn's Scarlett, Scott, \$1.00 per 100.

D. R. Herron, Olean, N. Y.

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CARNATIONS-Continued.

Rooted cuttings, clean, cool grown stock. Freedom, Daybreak, Dana, Jahn's Scarlet, Mangold, \$1.50 per 100. Bon Ton, John Young, \$2.50 per 100. Gen. Gomez, \$4.50; and Maceo, \$6.00 per 100. Transplanted, 50c per 100 more. Cash please. W. G. Kraber, 35 Tremont St., New Bedford, Mass.

Strong, well-rooted plants from flats and soil. Wm. Scott, Eldorado, \$2 per 100; \$15 per 1000. Rose Queen, Thos. Cartledge, \$2.50 per 100; \$20 per 1000. McGowan, Mrs. Fisher, Portia, \$1.50 per 100; \$12 per 1000. Superior quality only. Cash with order. W. T. & F. P. Butts, New Castle, Pa.

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Scott and McGowan, \$1 per 100; \$6.00 per 1000. Daybreak, \$1.25 per 100; \$10.00 per 1000. Flora Hill, \$1.50 per 100; \$12.00 per 1000. Bon Ton, \$2.00 per 100; Gomez, 60 cts. per doz.; \$4.00 per 100. Joost, \$2.50 per 100. Cash. Orange Floral Co., West Orange, N. J.

Genevieve Lord, the peer of all light pink carnations. Prompt delivery after April 10. Stock all sold prior to that date. Price, \$2.00 per doz.; \$10.00 per 100; \$75.00 per 1000. Write for catalogue giving full description. H. Weber & Sons, Oakland, Md.

For cash with order only I offer the following carnations, strong transplanted stock: 4000 Triumph at \$2.00 per 100, \$18.00 per 1,000; 1500 Wm. Scott at \$1.25 per 100, \$10.00 per 1000; 500 Lily Dean at \$2.00 per 100. Geo. W. Binstead, Summit, N. J.

Carnation cuttings now ready. Jubilee, White Cloud, Daybreak, Flora Hill and other standard varieties. We control the original stock of Mme. Chapman, the pink sport of Daybreak. Crabb & Hunter, Grand Rapids, Mich.

Rooted cuttings. Wm. Scott, \$10.00 per 1000. Maude Adams, \$3.50 per 100. Mrs. F. Joost, \$2.50 per 100. Lady Emma, \$12.50 per 1000. Unrooted at half price. Write for prices on large lots. Chas. Lenker, Freeport, L. I.

A fine lot of rooted cuttings of the following: Mayer Pingree, Bon Ton, Wellesley, Armazindy, Jubilee and Genesee, \$2.00 per 100. Buttercup (fine), \$3.00 per 100. Jos. Renard, Unionville, Chester Co., Pa.

Chicago Carnation Co. The great and only carnation specialists. Cuttings now ready. For list see display adv. in this issue. Chicago Carnation Co. Greenhouses and address, Joliet, Ill.

Rooted cuttings. Wm. Scott, \$10.00 per 1000. L. McGowan, \$7.50 per 1000; Lady Emma, \$12.00 per 1000. 500 at 1000 rate. Unrooted cuttings at half price. Ed. Fischer, Maspeth, L. I., N. Y.

Cuttings, strictly clean. Daybreak, \$2.00 per 100; Scott, \$1.50 per 100; Sandusky, \$2.00 per 100; Maud Adams, \$2.00 per 100; St. Clair, red, money maker, \$2.50 per 100. A. G. Fehr, Belleville, Ill.

Rooted cuttings from fine stock. White Cloud, \$2.50 per 100; \$20.00 per 1000. Triumph, \$2.00 per 100; \$15.00 per 1000. Geo. F. Christie, Clifton Heights, Del. Co., Pa.

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Strong, well rooted plants from flats and soil. Scott, McGowan, Portia, \$1.50 per 100. Jubilee, \$2.50 per 100. Cash. Robert Mann, 1258 So. Wash. Ave., Lansing, Mich.

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Carnation rooted cuttings. 3000 Flora Hills and 5000 Daybreaks, \$8.00 per 1000; 4000 Scotts, \$5.00 per 1000. Fred G. Lewis, 534 Locust St., Lockport, N. Y.

Carnation plants. From flats, clean: Scott, Daybreak, \$1.20 per 100. Flora Hill, \$1.50 per 100. McGowan, \$1.00 per 100. Cash with order. Alex. Schultz, Phillipsburg, N. J.

Rooted cuttings McGowan, 75c per 100; \$6.00 per 1000; Scott, \$1.00 per 100; Hill, Daybreak, and Webb, \$1.50 per 100. A. S. Chase, Cumberland Centre, Me.

Flora Hill, Morello, Mayor Pingree and Daybreak, \$1.50 per 100; \$14.00 per 1000. Wm. Scott and McGowan, \$1.00 per 100; \$8.00 per 1000. C. Humfeld, Clay Center, Kan.

From soil: 500 White Cloud, \$3.00 per 100; 500 Flora Hill, \$2.50 per 100; 500 Daybreak, \$2.00 per 100. Fine, strong and healthy stock. Gunnar Tellmann, Marion, Ind.

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Rooted cuttings of all the new and standard varieties of carnations. Send for price list. Wm. Swayne, Box 226, Kennett Square, Pa.

R. C. White Cloud, \$3.00 per 100; Triumph, Albertini, Flora Hill, \$2.00 per 100. Greene & Underhill, Watertown, N. Y.

25,000 carnations, strong, healthy, well rooted stock. Send for list. South Side Floral Co., Springfield, Ill.

New crop winter blooming carnation seeds. Hand fertilized. 25c per 100. Cash. American Rose Co., Washington, D. C.

Best new standard varieties. Write for prices. Satisfaction or money refunded. Carl Hagenburger, W. Mentor, Ohio.

See our offer of new carnations in display adv. in this issue. N. Smith & Son, Adrian, Mich.

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Best new and standard varieties. Write for catalogue and prices. W. P. Peacock, Atco, N. J.

Mrs. Fisher carnations. From soil, \$1.00 per 100; 2 1/2-in. pots, \$2.00 per 100. Wm. Keir, Pikesville, Md.

Strong Daybreaks from soil, \$15.00 per 1000. S. W. Pike, St. Charles, Ill.

Carnations, 2 1/2-in., strong. W. W. Coles, Kokomo, Ind.

CHRYSANTHEMUMS.

Chrysanthemums, Mrs. H. Robinson, Glory of Pacific, Maud Dean, Arline, Eureka, Mrs. R. McArthur, Quito, Rose Owen and Yellow Monarch, 50c per doz.; \$3.00 per 100. Geo. S. Kalb and October Sunshine, 75c per doz.; \$4.00 per 100. Yellow Mme. Carnot, H. A. Parr, Mavourneen, Silver Wedding, Admiral Dewey, Pride, Willowbrook and Mrs. F. S. Button, 75c per doz.; \$5.00 per 100. King of Yellows, fine deep yellow, Bonaffon form, \$2.50 per doz.; \$15.00 per 100. Cottage Gardens, Queens, N. Y.

Merry Monarch, Mrs. Bergmann, Evangeline, Mrs. Whilldin, Modesto, Glory of Pacific, J. E. Lager, Mrs. Robinson, Niveus, Phoebus, Merry Christmas, Bonaffon, Flora, Fl. Pullmann, Maud Dean, Pitcher & Manda, Midge, Pink and White Ivory, \$2.50 per 100; 12 Philadelphia and Pennsylvania gratis with each 100 ordered, 2-inch pots. J. G. Eisele, 20th and Ontario sts., Philadelphia, Pa.

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	Doz.	100.
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Doronicum Excelsum, strong divisions	1.00	8.00
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Helianthus Multiflorus Plenus, strong divisions	.75	6.00
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Lychnis Viscaria Alba Plena, strong clumps	1.50	10.00
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Rudbeckia Golden Glow, clumps	1.25	10.00
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25 choice named sorts	\$10.00	\$90.00
Fine mixed	8.00	75.00
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12 choice named	6.00	50.00
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12 superb named	3.50	30.00
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DWARF IRIS,		
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HOLLYHOCKS,		
New Allegheny, strong full-grown roots	10.00	
GOLDEN GLOW,		
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	Per 100.
1 1/2-1 3/4 in. cal., 10-14 feet	\$35.00
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	Per 100.
1 1/2-2 in. cal., 12-14 feet	\$25.00
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"	4	15-18	2-3	30.00	150
"	5	18-20	4-5	35.00	
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In lots of 50 or over30c each.
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Single plants75c each.
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In lots of 25 or over60c each.
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Single plants\$1.00 each.

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Bridesmaid1.50 12.50
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We are headquarters for Sphagnum. Just received several carloads.
Per bale, \$1.00.
Six bales, \$5.00.
Ten bales, \$7.50.
Write for prices on large quantities.
McKellar & Winterson, 45, 47, 49 Wabash Ave., Chicago.

We gather our moss and it is the best to be had. Bales, 4½ feet long, 18 inches wide and 20 inches deep, weighing when well dried 40 lbs, 80 cents per bale; 10 bales, \$7.00. Green moss, \$1.00 per bbl.

Z. K. Jewett & Co., Sparta, Wis.

Sphagnum moss, 75c per bbl.
L. B. Brague, Hinsdale, Mass.

WIRE WORK.

C. A. Kuehn, 1122 Pine St., St. Louis, Mo., manufacturer of the Patent Wire Clamp Floral Designs. A full line of supplies always on hand. Write for catalogue.

We are Headquarters for Wire Work.
McKellar & Winterson, 45, 47, 49 Wabash Ave., Chicago.

Reed & Keller, 122 W. 25th St., New York, Manufacturers of Wire Designs.

GLASS BOWLS.

In making up small table centerpieces, Mr. P. J. Hauswirth, the Chicago florist, uses low glass bowls instead of flat baskets. They are even cheaper than the baskets, and after being filled with moss the moss can be thoroughly soaked without any dan-

ger of wetting the table linen, with the result that the flowers last much longer in them and give better satisfaction.

THE FLORISTS' MANUAL.

The Florists' Manual, by William Scott. Florists' Publishing Co., Chicago. A reference book for commercial florists.

The author's first aim in preparing this work was to fill a long felt want among florists—a book describing the best plants commercially, with cultural advice founded on experience. Viewed in this light, it is a valuable and instructive work, very complete in its details. But it need not be confined to circulation among florists and others commercially connected, although gardeners and amateurs need not expect in it a work exactly fitting their requirements. Rather judge it through the author's own words, i. e.: "If those who favor us with a perusal of its pages glean only one hint which may help them * * * they will have received value for their money." A work resulting from Mr. Scott's long and varied experience, "from selling a bunch of violets over the counter to planting a tree or seeding a lawn or building a greenhouse," cannot but throw out many hints of value to any one interested in any line of horticulture or flower gardening. The comparatively small index confronting the reviewer at first is far from encouraging, but as the purpose of the author is more clearly brought to light, it is better appreciated. It shows the intention to treat of the most desirable and profitable things to handle—a condensation which many will enjoy. Many interesting subjects are brought to headings, such as "Easter Plants," "Watering," "Decorations," "Potting," "Bedding Plants," etc. Not the least of value to the possessor of this book are the beautiful half-tone illustrations, numbering more than 100, and thoroughly illustrating the subjects treated. Critical persons may object to the interspersing of advertisements with the reading matter, though it is not made very obtrusive; yet it must be remembered that the work is designed for commercial purposes, and not strictly as a library book.—Meehan's Monthly.

We have gotten much valuable instruction from the Florists' Manual and prize it highly.

Franklin, Tenn. TRUETT BROS.

The Florists' Manual is a gem. No florist can afford to be without it.
Madison, N. J. A. J. BAUR.

If every one has enjoyed your book as I have it's a successful publication. It is different from our usual horticultural works, being plain and concise—just what one wants.

H. D. DARLINGTON.
Flushing, N. Y.

A FLORAL PICK.

Dennis Houlihan, a public contractor and ex-alderman, died. He had come over from Ireland when a boy, and from the bottom rung of the ladder had climbed through a series of failures and successes until at last he was awarded with riches in reasonable amount and political preference beyond the dreams of his ancestors. The funeral was made notable by the many beautiful floral offerings sent by the business and political friends of the deceased.

When the widow came in for a farewell look at her honest spouse she had enough of feminine curiosity left to glance up, between the spasms of her lamentations, at the flower designs that surrounded the bier.

"Arrah, Dinny, dear, ef yez cud on'y see th' purties thot they hev brung yez!" she moaned. "Oh me! Oh my! Here be a pillow o' daisies, Dinny boy, fer yez t' shlope on in paradise. An' here be th' gates ajar that'll let yez in ter glory. (Sniffle, sniffle, sniffle.) An', Oh me! Oh my! Here be th' golden harrup made o' posies, Dinny dear, but they didn't know as yez wuz th' musician on th' accordion, at all, at all. (More sniffle.) Yez 'ill hev t' learn th' harrup, Dinny boy."

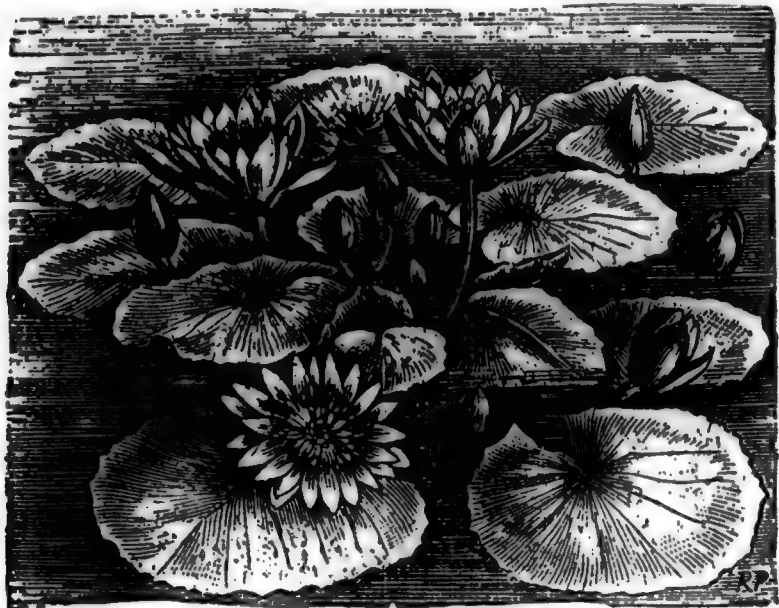
The widow's curious eyes continued to take in the adornments of the mourning room with a tearful appreciation of the honors done her "Dinny" in the hour of death. Suddenly she espied near the foot of the casket a large anchor of lilies. Not having nautical knowledge enough to understand the poetic significance of the emblem, and being particularly sensitive as to the subject of her husband's humble origin, she lost her temper and forgot her grief in this impassioned inquiry: "Who th' divil sint thot pick?"—Detroit Free Press.

AN ANNIVERSARY TRIBUTE.

An anniversary floral tribute presented to a Washington official consisted of a huge bouquet of roses rising from a base of suitable greens, there being a rose for each year of his life, and pendant from the roses were red, white and blue ribbons on which were lettered in gold the leading events in his career.

THE 1900 catalogue of Messrs. Ellwanger & Barry, Rochester, N. Y., is certainly a beauty. Half-tone engravings from photographs are used throughout as illustrations and looking them over one is more than ever inclined to the belief that to "paint the lily" is ridiculous. For what wood cut or exaggerated drawing was ever half so beautiful as these truthful pictures of trees, shrubs, roses, fruits, etc., as nature made them!

IF YOU HAVE any surplus stock to sell offer it in our classified advs. The cost is slight and your offer will come under the eyes of all possible buyers.



NYMPHÆA ZANZIBARENSIS.

Water Lilies

We are Headquarters for
WATER LILIES and
Aquatic Plants of all kinds.

SOW NOW seeds of **Victorias, Nelumbiums and Nymphaeas**. Intending planters will gain a long start and early blooms by procuring dormant tubers of the tender Nymphaeas now, and starting same indoors, thus securing strong plants for planting at proper season, and also save the expense of heavy express charges. We shall be pleased to furnish estimates, and our specialist, Mr. Wm. Tricker, will be glad to offer practical suggestions to those intending planting either large or small ponds.

HENRY A. DREER,

714 Chestnut Street,

.....PHILADELPHIA.

Mention The Review when you write.

PHILADELPHIA.

Market Conditions.

Trade has been good the past week, a number of large funerals, together with the transient trade, have kept most of the retail stores on the move.

Prices: American Beauties, 75 cents to \$6 per doz.; Brides, Maids, Kaiserin, Golden Gate, \$5 to \$12; Morgans, Meteors, \$5 to \$10; Gontiers, \$3 to \$4; Perles, \$4 to \$8; Liberty, \$10 to \$25. Cattleyas, \$50; dendrobiums, \$25 to \$35; carnations, ordinary, \$1.50 to \$2, fancy, \$2 to \$4; hyacinths, \$3 to \$4; valley and mignonette, \$3 to \$4; daffodils, doubles \$4, singles \$1 to \$3; sweet peas, \$1 to \$2; tulips, \$3 to \$4; callas, \$10; Harrisii, \$10 to \$15; violets, singles 25 to 40 cents, doubles, 40 to 75 cents; adiantum, \$1 to \$1.50; asparagus, \$50; smilax, \$15 to \$30 and very scarce.

Notes.

Begonia Gloire de Lorraine is being tested as an Easter plant. Robt. Craig has some very fine specimen plants which will be in fine shape for Easter.

Jos. O'Neil, of 1221 North Seventeenth street, will sell his property April 18th and move to West Philadelphia, where, in a short time, he will start in business again.

The Philadelphia boys are quite elated over the way their roses showed up at the New York rose show.

The Floral Exchange have succeeded in bringing out the long looked for pink American Beauty, which they call the Queen of Edgely. It is a lovely shade of pink.

The florists have been very busy this morning (Monday the 2nd) making up floral arrangements for the opening of the council chamber.

Among the visitors the past week were Thomas Vincent, Baltimore, Md.; C. W. Ward, Queens, N. Y.; Mr. Giles, Reading, Pa.; Alex. McConnell, New York; J. L. Dillon, Bloomsburg, Pa., and John Bader, Allegheny, Pa.

Tobacco Dust
"The Brown Bellows Kind"
Ground to a powder so it can
be applied with a bellows gun
= Its Stronger than Strong =
Sample mailed } M.A. Sroothoff Dust
free } 116 West St. N.Y.C. Hobbyist

Mention The Review when you write.



DAHLIAS BY THE THOUSANDS. Do you want the finest novelties, or are the older tested ones good enough? I have both, and they have taken the highest national honors. Am also headquarters for **Cannas, Gladiolus and Paeonies**. Write for catalogue and prices.
W. W. WILMORE, Dahlia Specialist, DENVER, Colo. Box 382.

Mention The Review when you write.

HUNDREDS of Florists are using our Pulverizers. You can regulate it. Send for list of testimonials.



Patent allowed February 27, 1900.

No. 1, \$5.00;

No. 2, \$10.00;

No. 3, \$20.00

THE FLORISTS' SUPPLY CO.,

North

Tonawanda, N. Y.

Mention The Review when you write.

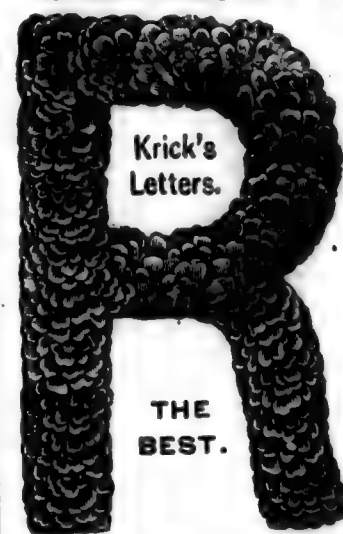
SPECIAL for EASTER

Have you used the **PERFECT FLOWER POT HANDLE AND HANGER**? It is just the thing for Easter to display your plants by hanging them on walls, etc., especially when you are crowded for room.



Also for lifting plants out of Jardinieres. Will sustain a weight of 100 lbs.

No. 1 Will fit from 2 to 5 inch pots, per dozen, 30c
No. 2 Will fit from 5 to 8-inch pots, per dozen, 47c
No. 3 Will fit from 8 to 12 inch pots, per dozen, 50c
By mail, 10c extra per doz. Sample pair, 10c postpaid.



USE
W. C. KRICK'S
FLORISTS' IMMORTELLE LETTERS, Etc.

Medal awarded at the World's Fair and highest award wherever exhibited.

These Letters and Designs are made of the best Immortelles wired on wood or metal frames, having holes drilled in them to insert toothpicks, by which they are fastened in the design. Give them a trial. You will find these goods to be superior to any in the market 2-in. Letters, \$2.50 per 100. Postage 15 cents per 100.

For other styles of Letters, Emblems and Designs, send for catalogue. Before purchasing send for free sample and catalogue, and compare with any other letter on the market.

For Sale by all Florists' Supply Dealers.

W. C. KRICK, 1287 Broadway, Brooklyn, N. Y.

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NO JOB TOO SMALL.



NO JOB TOO LARGE.

Telephone
HARRISON 85.

We Never Sleep.

WORK DELIVERED
WHEN ORDERED. 



The Regan Printing House,

87-89-91 Plymouth Place,
CHICAGO.

DAY and NIGHT
PRESSROOMS.....

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Printers.

NURSERY AND SEED
CATALOGUES.

THE BEST EDITION and PAMPHLET
BINDERY TO BE FOUND
IN THE UNITED STATES.

Capacity: Twenty tons of paper a day. 

Forms called for and delivered.

CLEVELAND.

The stores are looking very attractive just now with their azaleas, hyacinths, tulips, etc., in pans and flats. Gasser is showing a window with a foundation of wood moss, with orange trees in fruit, also pineapples in various stages of development. A beautiful wreath of pansies shaded from light blue to black and down through all the shades of brown to yellow and back to the blue, was a recent bit of good work seen in their window. Another wreath of *Adiantum gracillimum* with a cluster spray of *Cattleya Mossiae* was also noted. Another taking arrangement was Kift's vases done in pansies. The flowers being fine, it was most attractive.

Mr. Smith, of Smith & Feters, is doing the east and expects to return with Easter novelties galore. E. J. Paddock reports much trouble with lilies this year. Says it doesn't pay to grow Harrisii any more. Guy Bates, of Bates Bros., says he hasn't seen a first-class Harrisii lily this year. This firm is handling some good roses this year.

The market florists report pretty good business. Funeral work has been very brisk and has used up much that otherwise would have been a surplus.

One of our large dry goods and clothing stores had an opening this week, at which "spring flowers" played quite a prominent part, ten to twelve hyacinths in a pan, tulips ditto and staked with concealed wires, all pots and pans covered with fluffy masses of crepe tissue and ribbons, in the right shades and blendings, as well as azaleas, and also some well done *Azalea Mollis*, which was "stunning" for this use. Plenty of cinerarias are in flower and of a good strain. All the florists seem to have grown a batch, with the result that the market is a little overdone.

Mrs. Schneider has removed her stand in The Arcade to one of the stores nearer Euclid avenue, where she has more room.

Miss Rock, a niece of Mrs. J. M. Gasser and sister of Will Rock, of Kansas City, died of typhoid fever lately, and her mother is now very ill with the same disease.

The Holland men have been with us lately and the wholesalers complain that they can't collect anything. The Hollanders cleared up everything.

Mrs. Ella G. Wilson recently addressed Sorosis, the largest woman's club in the city, on "Plants in our Homes," illustrating her talk with plants from the greenhouse, showing how root development affected growth, how overwatering and drought affected them, and much other useful knowledge of this kind. This is the missionary work that is needed and the ladies requested Mrs. Wilson to give another talk on the same subject, she having already given two. This is a new subject for woman's clubs, and the questions asked the speaker showed that great interest was taken in it.

E. G. W.

Sweet Pea "Earliest of All"

Notwithstanding their dwarf habit and neat, slender foliage, the plants are of vigorous growth and come into bloom **always ten days to two weeks in advance of the Extra Early Blanche Ferry**, which has been heretofore a week ahead of all other varieties. Growing only two feet in height, the plants do not require the support of brush or trellis. As an illustration of its extremely early-flowering habit, we would state that now (Oct. 15th) we have plants in fine bloom from seed gathered from our spring planting and sown during the latter part of August. A constant succession of bloom may be had from June until November by making sowings about one month apart. Its extremely early flowering habit makes it most satisfactory for the Southern States, as it may be easily had in full bloom before the hot summer weather. The flowers are as large as those of the regular strains of *Blanche Ferry*, and have long, stout stems, making them entirely satisfactory for cutting; they are borne in close clusters of three, all facing one way. The standards are a bright, rich pink, while the wings are nearly pure white.

Burpee's "Earliest of All" is not only the earliest to bloom in open ground, but is also the most desirable for forcing under glass for winter cut flowers. The dwarf habit of this variety renders it much more easily grown on the benches, admits of closer planting, and from seed sown during the latter part of August blooms may be cut during the holidays, while with taller varieties no blooms could be had before February or March. Per oz., 10c; ¼ lb., 30c; per lb., \$1.00.

BURPEE'S "BLUE LIST." Our Wholesale Price List of Seeds in larger quantities is mailed free on application to Gardeners and Florists.

If You Plant for Profit You should write at once for this Wholesale List. BUT we cannot send it to private planters, even if requested to do so. The prices quoted in the FARM ANNUAL are as low as we can afford on retail orders. Market Gardeners, Canning Establishments and Florists requiring large quantities of seeds are entitled to lower prices wherever possible.

A New Feature in Burpee's "BLUE LIST" that will be of special interest to growers who Plant for Profit, is the "plain talks" we give, at the head of every department, as to just the best varieties for different purposes.

W. ATLEE BURPEE & CO.

Producers of only THE BEST SEEDS THAT GROW. Burpee Building, PHILADELPHIA, PA.

Mention The Review when you write.

Dreer's Royal Exhibition Pansies

A fine lot of strong young seedlings of our noted Royal Exhibition Strain, at \$1.50 per 100 or \$10.00 per 1000.

HENRY A. DREER, 714 Chestnut Street, PHILADELPHIA, PA.

Mention The Review when you write.

10,000 Common Double Pink Paeonies	per M, \$20.00
5,000 Herbaceous Paeony Humeii	" 40.00
10,000 Hemerocallis Fulva	" 20.00
10,000 German Iris, Named Varieties	" 15.00

ELLIOTT NURSERIES, DIAMOND MARKET, Pittsburg, Pa.

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Choicest Fruit and Ornamental Trees.

Shrubs, Plants, Bulbs, Seeds. 40 Acres Hardy Roses. 44 Greenhouses of Palms, Everblooming Roses, Ficus, Ferns, Etc. Correspondence solicited. Catalogue Free.

THE STORRS & HARRISON CO., Painesville, O.

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BARGAINS...

in *Lantana Borbonica*, 3 and 4 inch pots; *Cannas*, Dormant *Carnations*, strong. 2½ inch pots *Coleus* E. C. and Plants.

W. W. COLES, KOKOMO, IND.

Mention The Review when you write.

Some EXTRA FINE NEW PLANTS.

COLEUS. Large leaved, strong growers, gorgeous colors; *Corona*, a sport from G. Bedder, bright scarlet with broad gold edge, splendid, \$1 per 100. *Petunia Veteran*, small leaved, sturdy, immense fringed blooms, white striped rose, from pots, \$2 per 100. *P. Mirande*, large fringed single, salmon scarlet, and *P. Adonis*, small single, rose with white throat, from flats, \$1.25 per 100. *Alternantheras*, *Begonias*, *Coleus*, *Heilctrope*, *Sage*, etc. Please send for trade list.

DANIEL K. HERR, LANCASTER, PA.

Mention The Review when you write.

TUBEROSES - Pearl,

Size 4 to 6 inches circumference. Per 1000, \$6.00 Net. Cash with order.

Hulsebosch Bros. Englewood, N. J.

Mention The Review when you write.

Cane Stakes

I can furnish them. Write for prices.

GERANIUMS. Rooted Cuttings of the newer sorts, \$1.50 per 100, postpaid. These are mixed and unnamed.

C. S. TAIT, -- Brunswick, Ga.

Mention The Review when you write.

OUR old customers can tell you about our Greenhouse Material.

There are probably several in your vicinity.

Write us about it and we will tell you who are nearest to you.

We rest our reputation upon the work we have already done.

Ask the owner about the lasting quality of our Cypress.

Ask him if he wasn't perfectly satisfied with our material and our workmanship.

We have thousands of satisfied customers.

We would like to add you to the number.



"NICOMITE"

(PATENT)

Vapor Insecticide POWDER

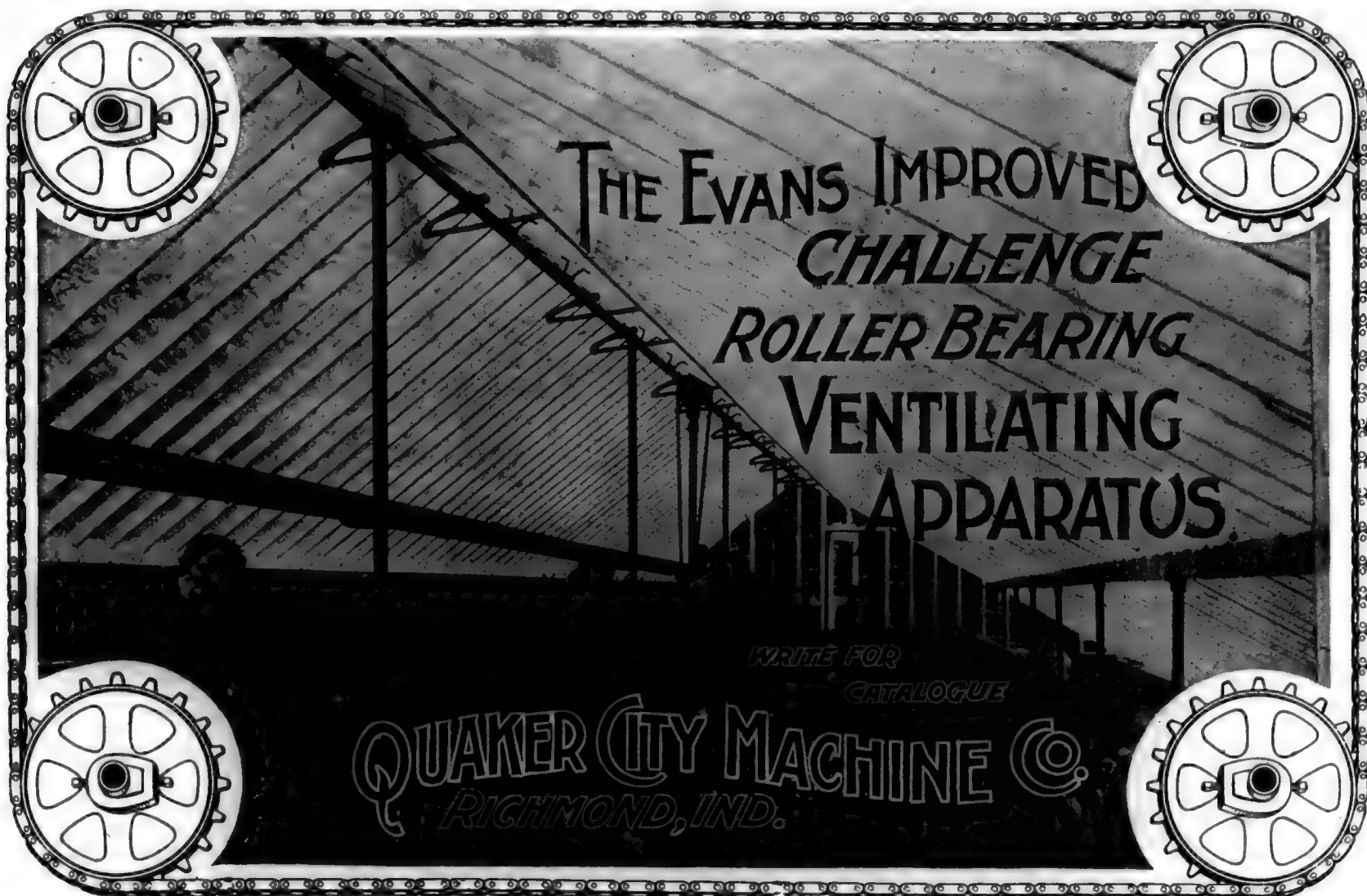
No labor required. Harmless to bloom and foliage.

A CERTAIN KILLER OF ALL GREENHOUSE BUGS.

SOLD BY SEEDSMEN.

The Tobacco Warehousing and Trading Co., Louisville, Ky.

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**THE EVANS IMPROVED
CHALLENGE
ROLLER BEARING
VENTILATING
APPARATUS**

WRITE FOR
CATALOGUE

QUAKER CITY MACHINE CO.
RICHMOND, IND.

Mention The Review when you write.

DENVER, COLO.

The bowling alleys were slimly attended on the 26th ult. There were only seven members present. Mr. Philip Scott, of Buffalo, rolled his first game and made the leading score by a large margin, as the following scores will show:

	1	2	3	Av.
Philip Scott	173	196	217	195
John Berry	223	164	173	187
Ed. Emerich	141	144	164	150
M. Bloy	124	102	156	147
Chas. Thless	130	165	149	145
A. E. Mauff	138	113	176	142
J. A. Valentine	131	118	138	129
J. B.				

HOMER, N. Y.

The large Lamarque rose bush of Mr. J. J. Arnold is now in bloom and bears thousands of flowers. It attracts many visitors. Mr. Arnold built several new houses last season and will add still more new glass the coming summer. He reports a continually expanding trade.

SPIRAEA GLADSTONE.

At Lincoln Park, Chicago, Head-Gardener Stromback has a dozen or more plants of this new spiraea on trial and it has shown itself to be considerably better in many ways than the old japonica. The heads of bloom are not only larger and more showy but they are more freely produced and seem to come earlier. He is very favorably impressed with it.

**IRON RESERVOIR
VASES**

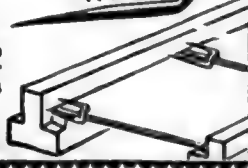
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Lawn Settees,
Manufactured by
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Send for our
1900 Catalogue.

**Holds Glass
Firmly**

See the Point 43
The Van Ruyper Per-
fect Glazing Points are
the best. No rights or
lefts. Box of 100 points
75 cents, postpaid.
HENRY A. DREER,
714 Chestnut St., Phila., Pa.

FULL SIZE
No 2

**New York
Market-Florists'
Association.**

ROBT LEACH, Secretary,
696 Garfield Avenue, Jersey City, N. J.

CLINTON MARKET,

Canal and Spring Streets,
NEW YORK.

Market Opened March 24,

For the sale of
Pot Plants, Bedding Stock,
Vegetable Plants and General
Greenhouse Products.

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**HITCHINGS & CO.**
233 MERCER ST. NEW YORK
GREENHOUSE BUILDERS

Hot Water Boilers, Pipes, Fittings,
Send Four Cents for Catalogue And Ventilating Apparatus

Hugging 12 Long, Thin



shallow water chambers, the flames and radiant heat from the fire so envelop the water chambers that all the heat is taken up by the water and instant, rapid and continuous circulation is secured. Compactness, combined with great efficiency and reasonable cost, is secured in these boilers.

POWER, ECONOMY and DURABILITY

are all here evident to even an inexperienced judge.

P. B. MAGRANE, Florist, Lynn, Mass., says:

Your Standard Hot Water Boiler No. 32 is all that you recommend it to be. It does the work for me nicely that other boilers have failed to do. It heats a greenhouse 8x18 and also a large two-story barn and makes them quite comfortable in the coldest weather. I highly recommend it to any one as a first-class heater both from point of efficiency and economy.

THE UP-TO-DATE FLORIST.....

can get ahead of his competitors by cutting off expenses and the great waste in the business in the cost of heating.

GIBLIN & CO., Utica, N. Y.

Write for our NEW CATALOGUE C and PRICES.

Mention The Review when you write.



**PREPARED
TROPICAL
PALMS
—AND—
CYCAS
...LEAVES**

Send for Catalogue.

OSTERTAG BROS., Florists,

Washington and Jefferson Aves., ST. LOUIS, MO

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NIKOTEEN

IT COSTS 4 CENTS FOR EACH 600 FEET OF FLOOR SPACE

DOES NOT INJURE THE MOST SENSITIVE PLANTS—ENDORSED BY PROMINENT FLORISTS—USED FOR FUMIGATION OR SPRAYING INDOORS OR OUT—200 LBS. OF TOBACCO IN ONE PINT OF NIKOTEEN—SOLD BY JELDSHIN—CIRCULAR TREE—SKABCURA DIP CO. CHICAGO.

Kill AND SAVE the Bugs!
QUICKLY DOES IT.

Mention The Review when you write.

THE FLORISTS' MANUAL

By WILLIAM SCOTT.

A Complete Reference Book for Commercial Florists. Over 200 large pages. Handsomely illustrated. Following is a list of the subjects covered:

Abutilon	Bouvardia	Eucharis	Lantana	Poinsettia
Acacia	Bromeliads	Eupatorium	Lapageria	Potting
Acalypha	Browallia	Euphorbia	Lawns	Primula
Acanthophaenix	Bulbs	Ferns	Libonia	Rhododendron
Acer japonicum	Caladium	Fertilizers and Manures	Lilium	Richardia Africana
Achillea	Calamus	Ficus	Lily of the Valley	Ricinus
Achimenes	Calceolaria	Fittonia	Linum trigynum	Roses
Acrophyllum	Camellia	Floral Arrangements	Lobelia	Salvia
Adiantum	Canna	Freezia	Lysimachia	Santolina
Agapanthus	Carludovica	Fuchsia	Manettia	Sedum
Agave	Carnation	Fungicides and Insecticides	Maranta	Seed Sowing
Ageratum	Celosia	Gardenia	Martinezia	Selaginella
Allamanda	Centaurea	Geranium	Mimulus	Shading
Alocasia	Cheiranthus	Gladiolus	Moon Flower	Skimmia japonica
Aloysia citriodora	Chrysanthemum	Glazing	Mulching	Smilax
Alternanthera	Cineraria	Glechoma	Musa	Soils
Amaranthus	Clematis	Gloxinia	Myosotis	Solanum
Amaryllis	Cobea	Grasses	Nepenthes	Stephanotis
Ampelopsis	Cold-frames	Greenhouse Building	Nierembergia	Stevia
Ananas	Coleus	Grevillea robusta	Oleander	Stocks
Annuaals	Cosmos	Hardy Perennial Plants	Orchids	Store Management
A hericum	Cotyledon	Hardy Shrubs	Othonna	Swinsona
Anthurium	Crinum	Heating	Oxalis	Sweet Peas
Antirrhinum	Crocus	Hedera (Ivy)	Packing Flowers	System
Argemone distachyon	Croton	Hedge Plants	Packing Plants	Thunbergia alata
Aquatics	Cyclamen	Heliotrope	Paeonia	Torenia
Araucaria	Cytisus	Hibiscus	Palms	Tropaeolum
Ardisia	Dahlia	Hollyhock	Pandanus	Tuberose
Aristolochia	Decorations	Hotbeds	Panicum variegatum	Valotta purpurea
Asparagus	Decorative Material (Wild)	Hoya	Pansy	Vases
Aspidistra	Decorative Plants	Hydrangea	Pelargonium	Ventilation
Asplenium	Deutzia	Impatiens Sultani	Peperomia	Veranda Boxes
Aster	Dianthus	Iresine (Achyranthes)	Perilla nankinensis	Verbena
Astilbe japonica	Dracaena	Jasminum	Phlox Drummondii	Vinca
Azalea	Drainage	Kalmia (sum)	Phlox (Herbaceous)	Violet
Balsam	Easter Plants	Koeniga (Sweet Alys-	Pinks	Watering
Bay Trees	Erica			Zinnia
Bedding Plants	Eriostemon			
Begonia				
Bellis				
Bottom Heat				
Bougainvillea				

Price, \$5.00, Prepaid by Express or Mail.

FLORISTS' PUBLISHING CO., Caxton Building, CHICAGO.

THE FLORISTS' REVIEW

G. L. GRANT, EDITOR AND MANAGER.

PUBLISHED EVERY THURSDAY BY

THE FLORISTS' PUBLISHING CO.

520-535 Carlton Building, Chicago.

334 Dearborn Street.

Subscription, \$1.00 a year. To Europe, \$2.00. Subscriptions accepted from those in the trade only.

Advertising rates: Per inch, \$1.00; 1/4 page, \$13.50; full page, \$27.00. Discounts: 6 times, 5 per cent; 12 times, 10 per cent; 26 times, 20 per cent; 52 times, 30 per cent. Discounts allowed only on consecutive insertions. Only strictly trade advertising accepted. Advertisements must reach us by Tuesday to insure insertion in the issue of the following Thursday.

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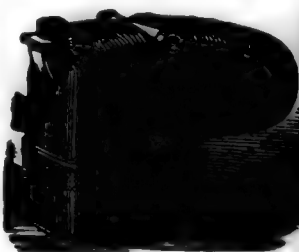
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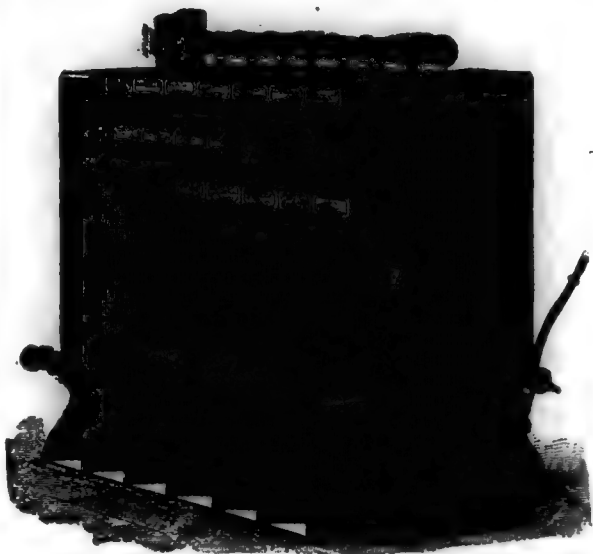
Anything I might say would not be too high praise for your boilers. It works perfectly, and I am pleased to say that so far I have saved in coal one-half the cost of the boiler. They will therefore pay for themselves in another year, a result which I consider remarkable. I will be pleased to reply to anyone desiring the actual proof of above.

Yours very truly,

Signed, JOHN SCOTT.

P. S. — Kindly book my order for another boiler. I will let you know later when to deliver it.

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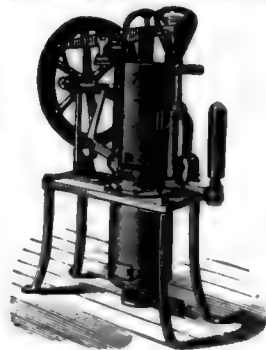


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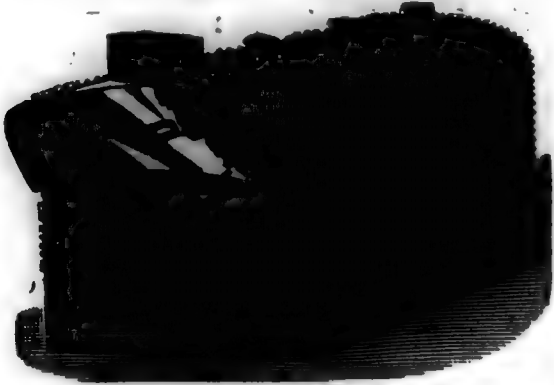
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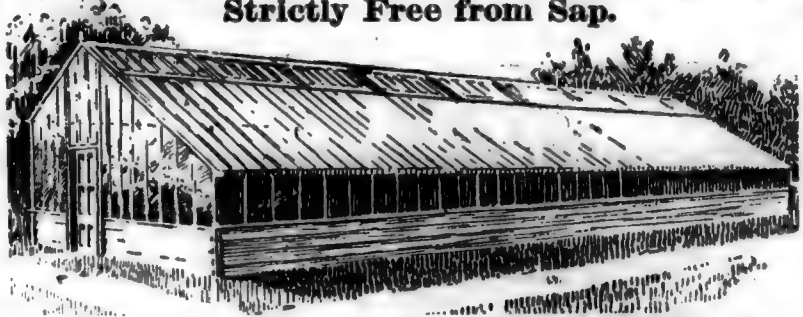
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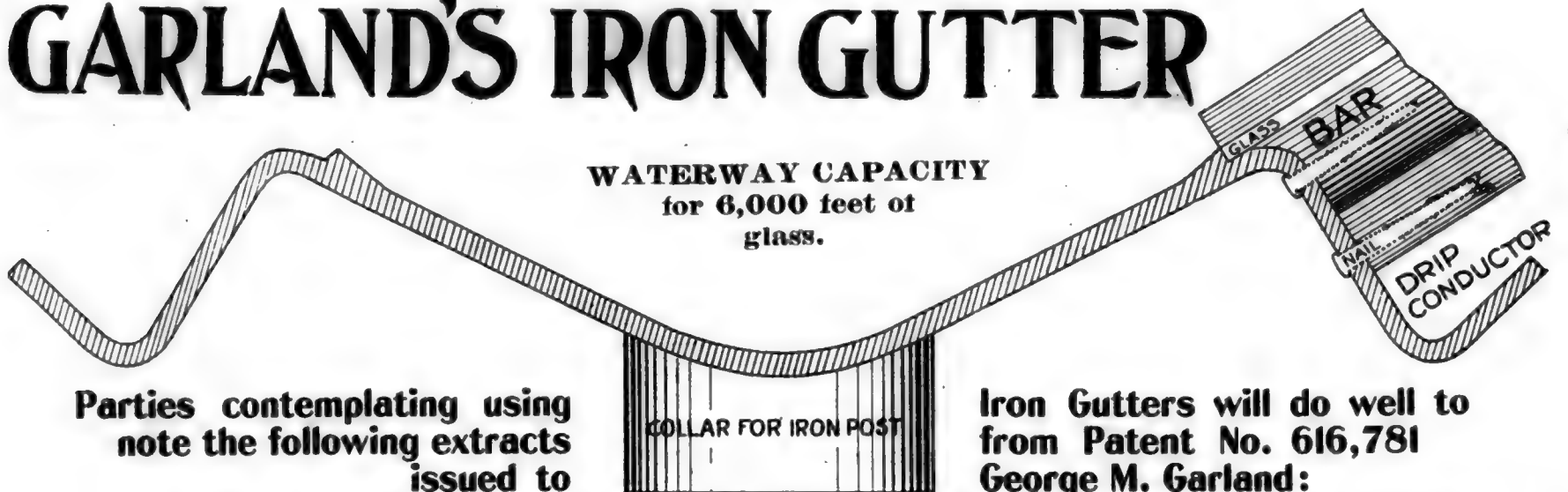
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issued to

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George M. Garland:

The object of the invention is to provide a valley-gutter for greenhouses which will be so constructed as to combine a stop for the glass and a drip-conductor.

Another object of the invention is to so construct the gutter that the devices for fastening the gutter to supports will be below the weather-face of the gutter, thus avoiding perforations of the weather-face and consequent liability to leakage.

The nails, screws, or other fastening devices are passed through the drop flanges and into the lower ends of the roof-beams, so that these fastening devices for connecting the valley-gutter to the roof structure are below the weather-faces of the valley-gutter, and consequently the weather-faces of the valley-gutter need not be perforated, insuring against leakage.

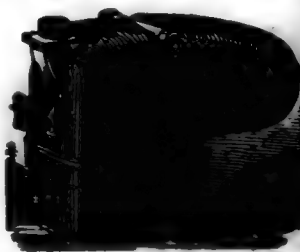
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THE WEEKLY FLORISTS REVIEW

FLORISTS' PUBLISHING CO., 520-535 Carlton Building, CHICAGO.

Vol. V.

CHICAGO AND NEW YORK, APRIL 12, 1900.

No. 124.

Specialties for Easter.

Plenty of Easter Lilies.

Place Your Orders Now.

We have to offer for Easter a fine assortment of Fancy Baskets, Pot Covers, Crepe Papers, Plant Stands, Jardinieres, Satin Ribbons, Folding Boxes, Bouquet-Pins, Cycas Leaves, Artificial Palms and Flowers, and everything desirable for Easter Trade. Plenty of the following Decorative Stock: Adiantum, Smilax, Wild Smilax, Fancy Ferns, Leucothoe Sprays, Mahonia Sprays, Asparagus, Palm Leaves, Green Shoot Moss, Etc., Etc.

EASTER PRICE LIST.

Subject to Change Without Notice.

	Price per Hundred.	
Am. Beauties, short.....	\$10 00	to \$12 50
Am. Beauties, medium.....	15 00	to 18 00
Am. Beauties, fancy, fair length.....	25 00	to 35 00
Am. Beauties, long.....	50 00	to 75 00
Meteors, extra select.....	8 00	to 10 00
Brides; Maids, extra select.....	6 00	to 8 00
Meteors, Brides, Maids, good average.....	5 00	to 7 00
Perles, extra select.....	4 00	to 6 00
Roses, our selection.....		4 00
Carnations, special fancy varieties.....		6 00
Carnations, choice.....	4 00	to 5 00
Carnations, good average.....	2 50	to 3 50
Carnations, our selection.....		2 00
Violets and Pansies.....	60	to 75
Valley, our specialty—the best.....	2 50	to 3 50
Smilax.....	12 50	to 15 00
Harrisii.....		12 50
Callas.....		12 50
Tulips.....	2 00	to 5 00
Dutch Hyacinths.....	2 00	to 6 00
Daffodils single and double.....	2 00	to 4 00
Daisy, Forget-me-not.....	75	to 1 00
Adiantum.....		1 00
Asparagus.....per string, 50c to 75c		
Galax.....per M, \$1 25		
Common Ferns.....per M, 2 00		

CUT FLOWERS.

Our prices are as low as any dealer or grower.

Place your orders now on the following:

FANCY AM. BEAUTIES,
MAIDS, BRIDES,
METEORS, ORCHIDS,
SELECT CARNATIONS,
HARRISII LILIES,
LONGIFLORUM LILIES,
CALLA LILIES,
VIOLETS, MIGNONETTE,
VALLEY, TULIPS,
DAFFODILS,
HYACINTHS,
ROSIERS,
FREESIA,
ETC., ETC.

If you want the best stock, and at lowest prices market conditions will allow, send your orders to us.

BLOOMING PLANTS.

We have a fine lot of the following plants to offer:

	Per doz.
Easter Lilies, Select plants.....	\$7 to \$8
Average plants.....	4 to 6
Calla Lilies, Select plants.....	4 to 5
Average plants.....	3 to 4
Spiraea plants.....	3 to 5
Beauty Rose plants.....	4 to 5
Hybrid ".....	4 to 5
Rambler ".....	6 to 9
Hermosa ".....	3 to 4

All Plants Shipped via Express.

Cash with order to insure lowest prices.

WE HAVE just received a very large importation of the finest grade Satin Ribbons, and offer a superior quality, all colors, for Easter, at the following low prices. Compare these prices with what you pay for cheap ribbons, and then bear in mind that we give you the best quality at these prices. This is a snap. We have the following popular colors: White, cream, mais-yellow, regent-orange, lilac, heliotrope, pink (all shades), Nile green, royal purple, violet, ruby—Am. Beauty, cardinal—Meteor, cerisette, remi, scarlet, black, in fact any shade you might need. Order your supply quick to insure filling from this stock. Per bolt, any colors, No. 5, 55c; No. 7, 75c; No. 9, \$1.00; No. 12, \$1.25; No. 16, \$1.35; No. 22, \$1.60; No. 30, \$1.85; No. 40, \$2.10; No. 60, \$2.50; No. 80, \$3.00.

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Lace Handkerchiefs, Paper Handkerchiefs,
Fancy Cords, Baskets, Ferneries,
Pot Covers, Pedestals, etc., etc.

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BOUQUET GREEN.....4 cts. per lb.
SPHAGNUM MOSS.....75 cts. per bbl.
BOUQUET GREEN WREATHING,
all sizes made to order3 to 8 cts. per yd.
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Our new price list now ready.

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FRESH MOSS AND PEAT.

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Order now and be sure of your stock for balance of season.

Fine Line of GALAX LEAVES.

CROWL FERN CO., - MILLINGTON, MASS.

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Before ordering any goods anywhere send in your list of wants for lowest GUARANTEED prices.

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Verbenas, rooted cuttings, 60 cts. per 100; \$3.00 per 1000; \$22.00 per 5000; 2-inch, fine plants, \$2.00 per 100; \$18.00 per 1000.

AGERATUM—Lady Isabel and Cope's Pet, 60 cts. per 100; \$5.00 per 1000.

DAISIES — California and Yellow Castle, \$1.00 per 100; \$9.00 per 1000; 2-inch, \$2.00 per 100.

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Morello.....1.50 " 14.00 "
Mayor Pingree.....1.50 " 14.00 "
Daybreak.....1.50 " 14.00 "
Wm. Scott.....1.00 " 8.00 "
McGowan.....1.00 " 8.00 "

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Express paid on all Rooted Cuttings and satisfaction guaranteed for that cash please.

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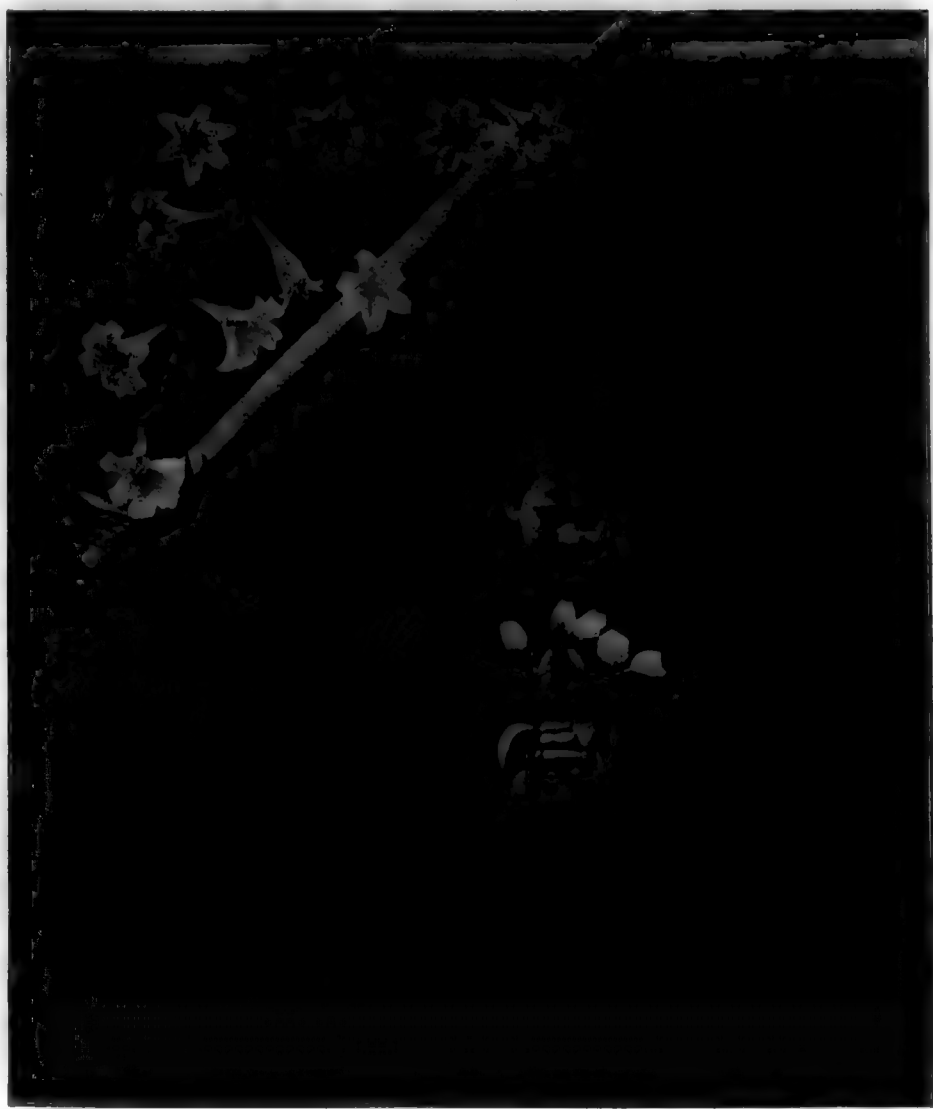
CLYDE

The New Mammoth Single Scarlet Geranium, Bruant Type, Sells at Sight

\$3.00 Per Doz.

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E. G. HILL & CO., - - Richmond, Ind.
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Composed and Photographed by Mr. W. T. Bell, Franklin, Pa.

EASTER AND AFTER.

Don't fret if you have a few plants left over at Easter. Some things you can cut and introduce into boxes of cut flowers, and others will come in handy for decorations. It will do you no good, however, to have small remnants or half-faded looking stock hanging around your store. Don't throw it away; send it to some charitable institution. Many sensitive and conceited florists when they have lots of stock left on an occasion like this hide it and pretend they have sold out; it's foolish to do so, for many a good sale can be made after the rush is over.

Monday morning early the window should be washed and store cleaned thoroughly, all the unsalable plants put where they will not be seen in the back of the store, and whatever good stock you have left should be semi-carelessly arranged in the window or about the store; no need for fancy displays, but there is for cleanliness and the general appearance of having everything neat and fresh. The best of your customers are apt to visit you Easter Monday to arrange for some decoration, and nothing will please them better than fresh flowers and a clean store.

We forgot, in last week's notes, to say a word for your help. See to it that they get something to eat; if you cannot afford to let them go out for meals have it brought to them; don't be inhuman and forget reason in your mad chase after profits. Good, intelligent help is getting scarce in the flower business; if you have any respect it.

There will be a plentiful crop of weddings and other festivities from now on, and it behooves you to do your best on every occasion be it great or small. You needn't be "up-to-date"; you can be far ahead of it by leaving trashy subterfuges alone, and giving the people good and natural looking decorations. We happen not to be of that species which can tell you how, but not be able to do it ourselves. At the recent exhibition of the American Rose Society at New York we arranged the mantel and the mirror decorations, winning first prizes for both. We are sorry it was impossible to give you illustrations of either; our designs were simple, but you are sure to win anywhere with them if they are done properly.

Get a good, long climbing rose, with plenty of foliage, have a stout wire branched tree made (just a simple long steel wire any length desired,

with a few irregular steel wires soldered on to it), put the end in the pot, fasten the top to the mirror or mantel and then tie the rose branches to the wires and make it appear as if growing there. Don't have it formal, make a branch hang outwards, another across the mirror, one long, and a little from the bottom, and so on. The idea is not to have a curtain or frame or anything that appears the work of a mechanic; you must copy nature and make this look like a naturally growing climbing rose. Get some of the green glasses, such as Reed & Keller or Kift offers for sale (those detached and with holes to be hung by are the only ones suitable for this work), fill them with water and tie them at irregular intervals on the tree; into these put your roses in a manner suitable to the occasion; wire a few blooms and attach them to the end of the branches, and here and there between the glasses. Only one colored rose can be used; nothing must be seen but flower and foliage.

A good vase of roses can be put at one side of the mantel shelf, some of the blooms falling over, but a spray of growing foliage should also be across the shelf. Crepe papers, ribbons or any tom-foolery must not be put near this work. Wash the pot clean, and even if you cannot cover it with small rose plants, it will not detract from your work. It isn't necessary for you to cover up every piece of woodwork on the frame; pay attention to your own design, use no other kind of green.

You must create the effect of a beautiful climbing rose in full bloom. If you have no Ramblers you can manufacture one out of small plants, or even cut foliage, which must be well watered before using. This method of decorating is suitable for all occasions and is adaptable to all forms and places—arches, wedding arbors, frieze work, etc., etc. It is the style of the future, it encourages a greater use of plants and flowers, less artificial humbug. You might think you can improve on what you see in nature sometimes, but you only mistake. There is more beauty in her extreme simplicity than in your far-fetched and nondescript works; recognize this and succeed.

There is a woeful lack of the right foliage in basket and in general work where roses predominate. If you have hybrid roses in pots soak them well and stick a few extra roses in them. A design like this in a jardiniere or pot basket can be made prettier than a basket of cut roses. There are many times when it pays to cut pot grown plants for use as foliage in vases of roses. More pot grown roses should be used in baskets and in general design work instead of smilax, asparagus, or foreign greens.

There will be a vast amount of flowering plants used in decorations this spring, because there will be quite a few, particularly lilies, left over from Easter. When you go to decorate a

room be careful of the general effect, don't kill the beauty of some gem of a picture, vase or tapestry by placing near it loud crepe papers, ribbons or jarring colors in flowers, even. Just show that a florist can be an artist, and in the respecting and appreciating of other arts, make your own more beautiful by proper application. A spray of roses might be permissible over one corner or at the bottom of some fine picture or statue, a bunch or garland

cleanliness lend charms to man and his works. They are badly needed.

There will be an immense quantity of pansies planted out this spring. The window-box, vase and outdoor ornamentations are becoming immeasurably popular in New York. A great many are being put out already and you can do a great deal to encourage this line of work. Get them out as soon as you can, people like to have them in for Easter. Mix the colors

yellow chenille. Purple should never be used. The design shown was yellow chenille twisted around the wires and the inner frame was of yellow roses (Perle des Jardins). The outer part was of Bride roses and a few gardenias. A small silk Irish flag with a cluster of forget-me-nots was attached to the center of the strings.

The design was made by request of the Irish Society of New York to be sent to a prominent member's funeral. For Irish societies or patriotic individuals it is a most appropriate design, but be careful to get it correct. There are several varieties of harps, but only one suitable in this case. Made up in strong colors, it is also appropriate for festive occasions. People are particular about their national emblems, and it's easy to be right. IVERA.

EEL-WORMS IN ROSES.

I mail you a diseased rose plant under separate cover. I have lost one bench from this cause. The roses seemed to be in a healthy condition, but inside of one week they would shed their foliage; this would start in the middle of the bench and continue the entire length of the bench, while some few plants on the outer edges of the bench escaped.

The soil at the time was on the dry side. I know I have some spider, but don't think that it is the cause. Can you tell me the trouble and the cause of it? L. C.

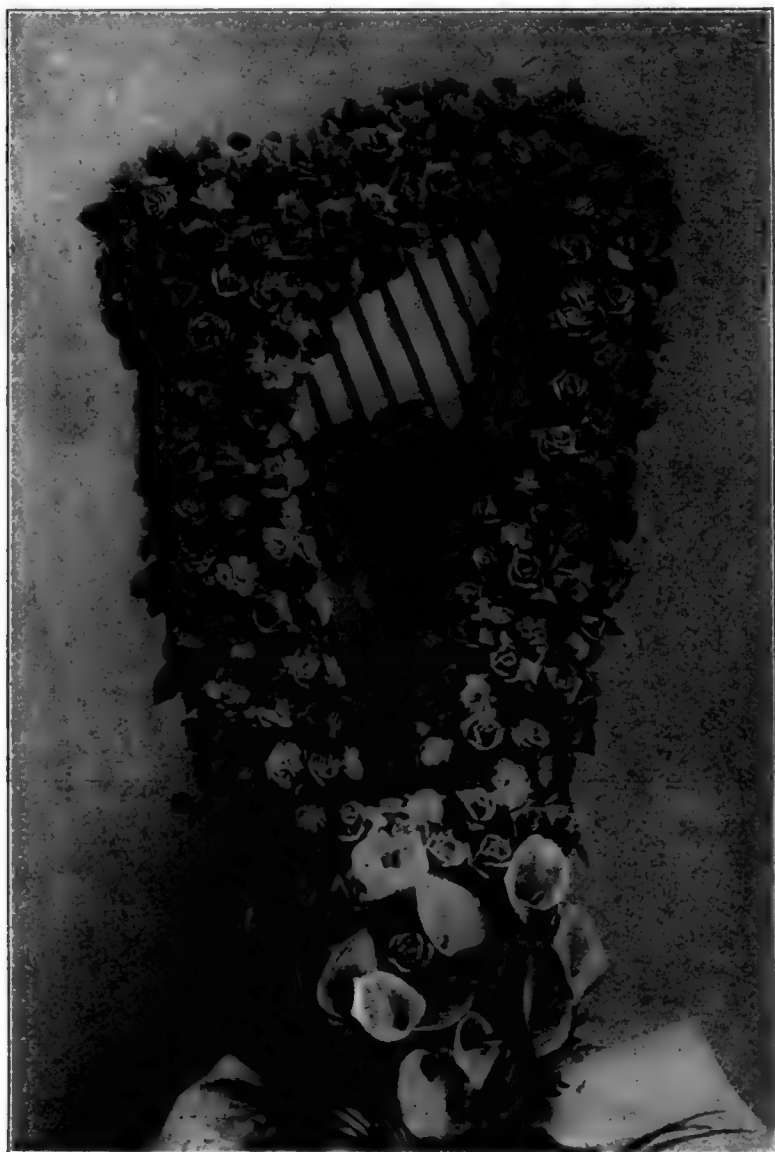
The rose plant has been examined and the roots are found to be galled, and nematodes in all stages of development are in abundance. This is cause enough for the sickness of the whole plant. The premature falling of the leaves is due in part to the insects that are sapping their vitality. Such plants are beyond cure and should be burned root and branch.

BYRON D. HALSTED.

CYCAS REVOLUTA.

A subscriber asks for some points on starting these important plants. The dormant stems when first received are destitute of roots. They should be put into pots very little larger than the diameter of the stem. Drain the pots, using a turfy loam, with a fifth or so of well rotted manure. Pot firmly and plunge the pots in some material where the temperature is 75 to 80 degrees. The temperature of the house should not be below 65 degrees at any time, but it is the bottom heat, to produce root action, that is the essential part of the operation.

When they have made a growth of leaves and you are sure that they have made roots, the bottom heat can be dispensed with, but for the first year they should have a warm, shaded bench. When first potted they want a good watering, but till growth starts and they make roots they will not



An Irish Harp.

of common greens never—that would be desecration, an evidence of ignorance, and it is the knowledge of what is proper that will always keep successful decorators in the minority.

People may buy their flowers and plants from fakirs or "cheap Johns," but when they want particular work done they generally go to the florist with a reputation. It is not wise to be cheap if they come to you; the quality of your work makes them pay for it, for cheapness is not always appreciated.

There is one important thing to remember. When you send men to decorate a house don't let them go and take possession of the place, and act as if they owned it. A florist should never assume the demeanor of a "tough." Politeness, carefulness and

well or group them. Ivy properly planted in boxes or vases now will serve for summer filling, also.

IVERA.

AN IRISH HARP.

The harp design shown was made by the writer recently in a great hurry. The frame was as near as we could get to the facsimile of an ancient Irish harp, but it is faulty; the top beam is a little too short and the frontal bar does not curve enough, yet it is better than any we have seen illustrated. Floral harps as a rule are too much like a triangle; there is no shape to them.

The real Irish harp is a very beautiful design when properly made. The strings should be of gold and silver twisted tinsel braid; if not, then of



Four New Cattleyas.

want any more watering than just to keep them moderately moist.

In the case of established plants that have lost all their leaves by some abuse it is best to shake them out of the tubs they are in and after trimming off all the dead roots start them going in a smaller pot or tub and treat them as you do the dormant stems. When healthy and furnished with plenty of leaves the cypripedium wants plenty of water, so it should have drainage, a rich, coarse soil, and, if confined to a small tub, liquid manure will much help them. A cypripedium will stand a good deal of abuse when well established, but should never be sold to a customer until thoroughly well furnished with roots. W. S.

FOUR GEMS OF ORCHIDS.

A great deal is being written nowadays about new roses, carnations and other flowers, and 'twould seem that all the floricultural energy was being devoted to the production of gigantic specimens of those flowers. The quiet, delicate flowers we know as orchids depend for popularity on intelligence and refinement and it is a pleasure to see that this class of flowers are yearly becoming more appreciated. The demand for choice flowers is not a mere season fancy. Orchids are wanted all the year round and the quantity used in New York alone is something enormous. Specialists have adopted new methods of cultivation and finer blooms were never seen than those supplied to the American market.

A visit to the extensive collection

of Messrs. Lager & Hurrell, at Summit, N. J., is always of the greatest interest to lovers of orchids. There is always something new or rare to be seen there. This firm has produced many grand cattleya hybrids. The illustration shown is of a group of new ones growing in their cattleya houses in the early part of March. No. 1 is *Cattleya Trianae* *Summitensis*, a charming variety originated by Arthur Herrington, Madison, N. J. No. 2, *Cattleya Trianae* var., a splendid variety, sepals, petals and lip white, lightly suffused with the most delicate shade of lilac. No. 3, *Cattleya Trianae* var., sepals and petals of a beautiful light lilac, color of lip rosy lilac, large and open, a very fine and desirable variety. No. 4, also *Cattleya Trianae* var., sepals and petals dark lilac, the latter with a large longitudinal blotch of purple extending from the tips half way down toward the base, lip intense purple. This is a gem among splashed varieties. The plant in the center, not numbered, is a seedling cattleya coming into flower for the first time. These grand flowers, in addition to many more, past and to come, have originated and are growing at Lager & Hurrell's establishment at Summit, N. J.

J. I. DONLAN.

PLANT RUSTS.

BY PROF. BYRON D. HALSTED.

[Read before the Massachusetts Horticultural Society.]

There are at least three rusts that have made themselves prominent among ornamental plants during the past few years. A leading rust in the

flower garden is that of the hollyhock (*Puccinia malvacearum* Mont.), which came into this country in 1890, and spread with remarkable rapidity and fatality. It develops upon all parts of the hollyhock as the leaves, stem and floral parts, causing them all to sicken and die. This rust is a good illustration of those that have only the teleuto form of the spore and the sporidia that grow directly from it. In other words, the cluster cup and uredo stages are omitted, and the first stage becomes the last, so far as spore development upon the host is concerned. The great rate at which the fungus spreads is to be accounted for largely because it hibernates as the living mycelium in the hollyhock, the young leaves of which exist as a rosette through the winter. As the warm, moist weather comes the orange patches upon the foliage enlarge and quickly develop spores that almost at once form the sporidia which rapidly spread the rust to other parts of the hollyhock. Another observation that may be made in connection with the hollyhock rust is its scarcity at certain times. For example, in 1898 there was an abundance of hollyhock rust, while a year later there was almost none upon plants badly rusted the year before. It may be said in explanation that the conditions were unfavorable for the disease, and the health of the plants was restored. Good growing weather with no excess of moisture is the best ally of the victim, and if it comes in time, many kinds of plants will recover from an attack that might be otherwise disastrous.

Another new rust is that of the carnation (*Uromyces Caryophyllinus* Schr.), which reached us, probably from Europe in imported stock, in 1891, and is still in evidence in nearly all parts of the country. The conditions here are quite different from the open garden; for heat and moisture and a more or less confined air in the greenhouse supply the surroundings favorable for the growth and spread of the rust. The spray from the hose in watering, for example, is one of the best means of carrying the spores from a diseased to a healthy plant. The experiments that have been made with this disease are somewhat limited, but they go to show that preventive measures are better than attempted cures. From the fact that the carnation is largely an indoor plant and propagated by cuttings, it goes without saying that the stock should be healthy from which cuttings are taken, and no rusted plants should be introduced into a house previously free from rust. One rusted plant under the circumstances of greenhouse growth may be ample to inoculate a whole bed, and this accounts for the sudden outbreak of the rust in houses hundreds or thousands of miles apart. Carnation growers are gradually acquiring a knowledge of the susceptibility of varieties and are finding some sorts in this respect much more valuable than others.

The latest claimant for our attention among the greenhouse rusts is that of the chrysanthemum. As yet the advent of this importation from Europe has not been traced back of 1896, when it was found by Mr. Hastings of Fitchburg, Mass., and reported by Dr. Stone in the ninth annual report of your experiment station. From foreign correspondence it is gathered that it was rampant in France and then spread throughout England, where it was very destructive, particularly in 1898. With us it has increased quite rapidly during the past three years, and during the last one it has become decidedly troublesome. Up to the present time only the uredo

the carnation. The two rusts are, however, very distinct, belonging to different genera of fungi, and not transmissible from one host plant to the other.

In the treatment of our subject we have made a few selections of typical rust plants from widely separated host plants, and have endeavored to bring before the hearer some of the more important points connected with one of the leading groups of destructive fungi. We have seen that rusts infest herbs, shrubs and trees. The forests are not exempt from them, and even the giant pines are destroyed by them. The blackberry and raspberry rust is one of the most serious pests

within the tissues of root and stem it is out of reach of spraying compounds. It goes without any argument that all such rusted plants need to be dug up and destroyed root and branch, and the earlier this is done the less likelihood there will be of the infection spreading by means of the spores. The burn heap is one of the best adjuncts of a well equipped horticultural establishment. It excels greatly the rubbish pile. Ashes may be blown about by the winds, and no serious inoculations follow from them.

The "seed treatment," so called, for the prevention of diseases in grain fields, while of great value with the smuts, is not effective with the rusts. The oat or wheat smut spores are produced in the grain itself and healthy grains become smeared and dusted with the spores. The last resort in all cases when rust is suspected is to furnish the best possible conditions for the growth of the crop, bearing in mind that vigilance is especially demanded when the foe is at hand. Any neglect, as lack of light, air, food, or water, or a surplus of the same, may engender a weakness that will cause the plants to fall a victim at the first opportunity.

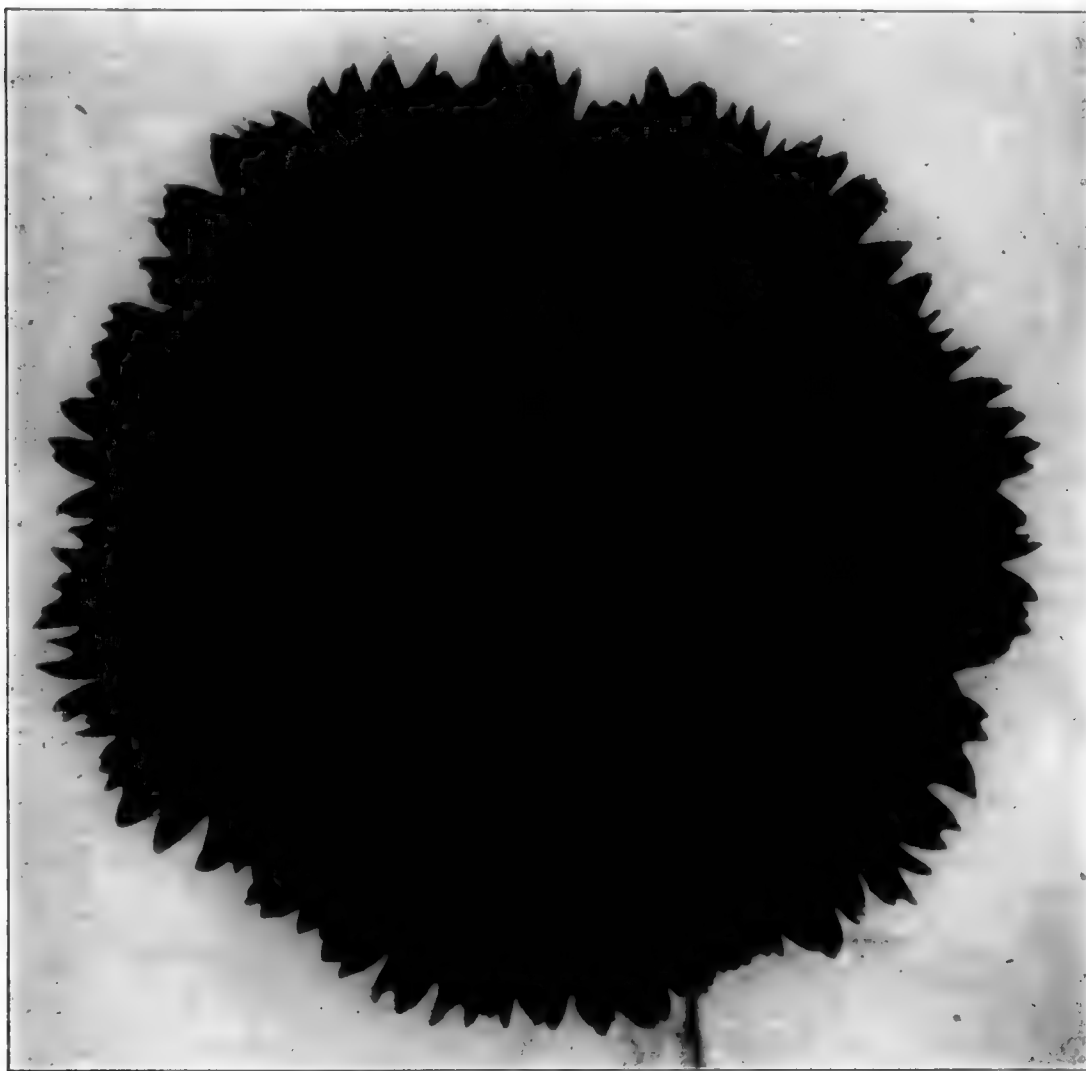
CARNATION GOV. ROOSEVELT.

The dark crimson carnation raised by Mr. C. W. Ward and given the popular name of Governor Roosevelt, as exhibited at Buffalo received the full number of points for form and in the opinion of the judges it was perfect in that respect, or at least the most perfect of any carnation up to date. Opinions may differ as to form, but in this case there was but one opinion with three men.

Roosevelt is a perfectly round flower but not so finely defined as to tire. Its edge is nicely broken up with fimbriated petals. It is high and full but not crowded. Each succeeding whorl of petals is slightly shorter than the under one and the edges of the petals being cut or lacinated the flower has a full rich appearance without the crowding of the petals of some varieties or the stiffness of others. It had in the judges' estimation the right number of petals to make a full pleasing flower, a form that when looked at for a few moments became still more pleasing to the eye.

Two of the very finest carnations yet sent out are so perfect in outline that you wish they were not so regular, and when well grown their regularity gives you the feeling of coldness, grand flowers as they are. I allude to White Cloud and Olympia. Other fine varieties are marred by an overcrowding of petals which detracts from their grace and the feeling they produce I would pronounce "uncomfortableness."

Governor Roosevelt is not the only carnation of fine form by any means, but the qualities I have mentioned make it in my opinion the nearest to perfection we have yet reached. It has a splendid broad calyx, which allows

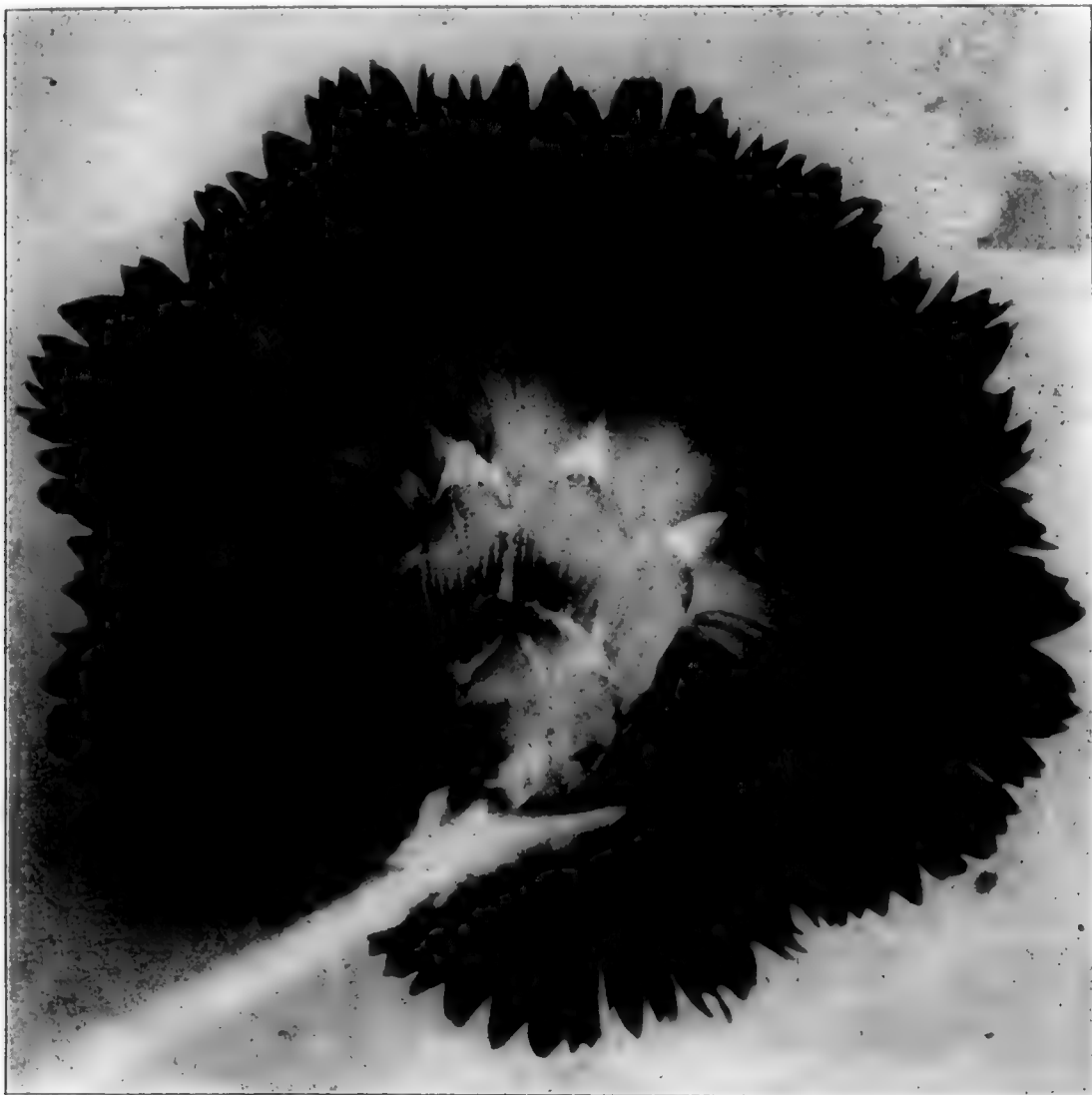


Carnation Gov. Roosevelt.

[Given the full number of points for form at Buffalo]

form has been met with upon American plants and therefore it is impossible to be sure of the species. While this is interesting from the standpoint of the botanist it may be of no great economic importance. However, if the other forms are associated with the dandelion or similar related common wild species the bearing of this knowledge upon the checking of the rust is at once apparent. This disease is so recent with us that there is very little in the line of remedies that has been determined experimentally. It being a greenhouse plant propagated by cuttings, the precautionary measures are practically the same as with

to growers of bush fruits. It shows itself in early spring, dwarfing the cane and ruining the foliage. When such an infected plant is cut to the ground the new shoots springing from the stock will also become rusted like the first growth of the year. Actual microscopic examination of the tissue of the root demonstrates the presence of the perennial mycelium. With these facts before us it is not strange that the multitudes of experiments made to eradicate the disease by spraying the plants result in failure. The Bordeaux or other mixture when upon healthy plants may help to prevent the spread of the disease; but when once



Carnation Gov. Roosevelt.

[Given the full number of points for form at Buffalo.]

its petals to fully expand without bursting. Of its habit of growth or productiveness I know scarcely anything, but as I understand it will not be sent out till 1902 there will be ample opportunity to learn of those great essentials.

WM. SCOTT.

FROM OUR ENGLISH EXCHANGES.

Gardeners' Magazine.

SWEET PEAS.—Substantial progress is being made towards celebrating the introduction of the sweet pea into Great Britain 200 years ago. This celebration is to be held on July 20 and 21, at the Crystal Palace, Sydenham, and will take the form of a grand exhibition of sweet peas shown in bunches, in vases, in pots, in pans, in baskets, in bouquets, in wreaths, in table decorations, and in other ways that may suggest themselves to the gardener and florist; at the same time a conference will be held, at which papers will be read and discussed.

POT ROSES.—Constant turning around, and slightly moving the surface soil does the plants far more good than many would deem possible. This frequent handling of the plants also enables us to note where one is over dry or too wet as compared with the remainder; a rather important point

where so many plants are grown. Nothing enables one to so quickly determine the tone condition of a plant as handling it.

ABUTILONS FOR BEDDING.—During recent years fine foliaged plants have been used extensively in summer bedding arrangement, and those abutilons having variegated leafage have had a fair share of attention at the hands of the gardener, and been placed in the front rank of this group.

PENZANCE BRIERS.—The Penzance sweet-briers require hardly any pruning, as they would be entirely out of character if cut hard back. Thin out the growths somewhat, removing the weakest first. Recently planted specimens should be cut back to within a foot of the ground to ensure strong growth from the base. A fairly rich soil will suit these briars and enable them to make good growth.

CLEMATIS AS A BEDDING PLANT. The clematis is always beautiful no matter where planted or how trained. As a climber it is deservedly popular, but it is when planted against old ruins or in the wild garden that its beauty is best displayed. For planting in beds in the flower garden, as a permanency the clematis are wonderfully effective. Thus planted, their elegant form and extreme beauty are shown off to advantage. In planting clematis it

should be borne in mind that they are gross feeders, hence the necessity of applying some well-rotted manure to the bed both at the time of planting and as an annual winter dressing. A sound loam incorporated with a goodly portion of manure best suits the clematis; at the same time they are not very fastidious as to soils. Where the natural staple is of a light, poor description, then means must be taken to ameliorate it by taking out, to a depth of two feet, the natural soil and replacing it with loam, mortar rubble, and charred refuse. The latter ingredient may be worked in and about the roots of the plants at planting time. Strong specimens should in all cases be procured in order that they may the quicker produce an effect and cover the allotted space. A trellis of iron or wood in convex form should be erected over the bed, and the shoots as they advance in growth during the summer should be drawn through and over this. During dry summer weather abundance of liquid manure should be supplied alternately with clear water. A small quantity of some good fertilizer is occasionally used, with highly beneficial results. In the month of February a slight thinning of the shoots should take place, afterwards disposing the remaining ones evenly over the trellis. In selecting varieties it is advisable to give preference to those which are robust in constitution, as the Jackmani, patens, and viticella types.

SNOW EFFECT IN TABLE DECORATION.—The decoration, briefly stated, consisted of handsome birch branches and foliage of various kinds, all moistened and then freely dusted over with flour. A base of clay is used, and into this the whitened material is fixed as tastefully as possible, and when all is finished, another dusting of flour is given, finishing off with a free sprinkling of powdered glass to produce the glistening effect of frost and snow.

SCARLET VARIETY OF PRIMULA OBCONICA.—It is of interest to observe that while Mr. Shea has been busily engaged in the hybridization of *Primula obconica* with *P. sinensis*, the continental raisers have been endeavoring to obtain high colored forms of the first-named species by selective process. A so-called scarlet variety has been figured in *Revue Horticole*, and with reference to it Monsieur P. de Vilmorin writes: "The new, large, scarlet variety marked with purple is the commencement of a new era in the evolution of *P. obconica*. We were already far from the original type; the plant, having lost none of its hardness or of its profuseness of bloom, had produced larger and still larger flowers, sometimes fringed or fimbriated on the edges, and variable in color from rose to pure white. It now appears to move in a contrary direction, that is to say, towards the darker tints of its primitive color. Without being too presumptuous we anticipate that in the

near future it will be able to hold its own with the Chinese primrose. It has already the advantage over the latter of being more healthful, more hardy and floriferous, carrying its clusters of bloom on longer stems, with the foliage better separated.

FORCING ACACIAS.—The London markets are liberally supplied with flowering sprays of *Acacia dealbata* and one or two other species that come from the south of France two or three months before the trees bloom naturally in that section. Of course, this means that a forcing process has to be resorted to. The method adopted is extremely simple. Large casks are provided, and each one is fitted with a latticework stage fixed about midway between the bottom and top. The branches are cut from the trees and at once placed in upright metal or earthenware vases filled with water, and taken to the cask and arranged rather close together in two tiers, one on the bottom and the other on the stage. For maintaining the requisite temperature a boiler is provided very similar in form to an ordinary still, and this is heated by a petroleum stove. A pipe is taken from the apex of the boiler to the interior of the cask, which it enters just below the middle stage, and curves downwards until the end nearly touches the bottom. It is said that by this arrangement the steam from the pipes does not condense upon the branches, and a temperature ranging from 75 to 85 degrees is readily maintained. In cutting the branches for forcing care is taken to select those bearing flowers in the most advanced state of development.

NEW YORK.

It is difficult at this writing to say what Easter trade will be, but the prospects are very good. Stock is plentiful, prices promise to be fair, and all seems ready for an unprecedented business. Styles will not vary very much from those of other years. All endeavor appears to be concentrated on quality. Fine weather will surely cause a greater use of cut flowers, and as for plants, the sales will be enormous. At present it looks as if there will be no cause to grumble from those having good fresh stock, but (and there the shoe will always pinch) there are many who are shipping "preserved" stock into the market, and they will growl the loudest.

The general plant season is opening up very good and we hear the best kind of reports from seedsmen, nurserymen and geranium growers.

Cleary's auction of dormant Irish roses on Friday last was the greatest on record. Talk about your sentiment! Anything Irish, or, for that matter, "green," goes well these times, because Irish blood flows freely on both sides at the Transvaal.

We hear many funny stories here by way of London, Canada, and the Liffey anent the wearing of shamrocks on "Paddy's Day"; yes, they're awful

funny. We wore a bit ourselves, but it was dipped in ink.

But there, Cleary wants you to hurry up for your space at the great convention show, and Charlie Weathered wants your name in the gem of a souvenir he is preparing, so write them both at once. And ye bowlers, oh! ye sports of Flora's kingdom, why don't you enter for the greatest of bowling tournaments? Chairman Roehrs is anxious. Only four teams have so far declared their intentions, and he expects twelve more to do so; let them do so at once. Alleys must be engaged shortly, and the committee on sports wants to have some idea of what will be necessary. We see many large scores reported from St. Louis, Denver and other villages; why don't they enter for the wagon-load of prizes which will surely be offered on this great occasion. The Hews Pottery Co. is the latest to offer anything in their ornamental catalogue for a bowler's prize.

The regular meeting of the Florists' Club was held on Monday night. President O'Mara presided. On account of Easter the meeting was very large, but it was fairly business-like, and many important matters were disposed of. It was decided that instead of a trophy a \$100 cash prize be given the society whose members won the greatest number of prizes at the horticultural exhibition next August. This, in addition to Ex-President Plumb's prize of one or two hundred dollars for the most successful exhibitor, should bring out some fine exhibits. On the other hand, we hear that many prominent gardeners from distant points will not exhibit their finest or largest plants, because medals, be they silver or gold, will not pay the heavy expenses incurred in transporting plants from a distance. There is much to reasonably consider in this. The gardeners don't like to run the risk of responsibility in damaging their stock; if the gentleman orders it, it is different; but how many will?

We were forgetting the club. Well, the several committees reported progress, that is, except the lethargic entertainment committee; they had the usual excuse to offer, and that was all. Several new members were elected and a committee was appointed to consider the best means of inducing old members who had left the club to rejoin it once more. It is thought best to have a good army here when the French come from Milwaukee and the Dutch come from Buffalo in August next.

The Koffman collection of orchids at Walden, N. Y., are to be sold to liquidate the business. J. B. Bloomingdal, 78 Fifth avenue, will give you particulars.

Edward Jansen, the well known basket manufacturer, reports splendid Easter business. On the occasion of the Rapid Transit celebrations here he made some very pretty favors, consisting of small baskets, picks and shovels, which were filled with flowers, for the dinner of the Allegro Bowling Club, of

which he is a member. The affair was given in one of the banquet halls of the famous Liederkrantz.

The new set of balls won by the florists' bowling team in the recent tournament with Flatbush and Hoboken are very fine. The boys are going to use them in all matches. The scores made tonight were:

Traendly	147	154	136
Thielman	177	166	160
Hafner	152	140	154
Roehrs	152	142	138
Small	135	153	145
Manda	118	132	166
Moody	122	122	115
Butterfield	89	107	
Atkins	147	128	122
Wallace	85	97	
Herrington	110	81	72
Burns	148	159	
Shaw	103	115	
Donlan	185	118	
Stewart	185	118	

J. I. D.

BOSTON.

The Market.

No exciting developments along the firing line during the past week. A steady pull of funeral work has carried away everything in the cheaper lines of stock, but there has been a tendency to a surplus in better grades of roses and all grades of red ones. My prophecy concerning a fuller supply of carnations was but partially fulfilled, as the increase was very slight. Perhaps it is so near Easter that the growers are beginning to hold the cut back a little.

Prices on Beauties have ranged from 4 to 35 cents each; Brunners up to about 25 cents; Jacks to 10 cents, and Meteors to 8 cents; Brides and Maids from 4 to 16 cents; a few Perles at 4 and 6 cents; Gontiers at 2 and 4 cents. Of course, there are always a few other kinds somewhere in the city, the price being regulated by the laws of supply and demand. Kaiserins are beginning to come.

Salesmen have had a firm hold of the pink market all the week, talking 5 and 6 cents at times, but usually closing sales at 3 and 4. Many buyers will go without rather than pay more.

Violets became very independent at the last of the week and speculated in prices, juggling arithmetic all the way from 35 to 75 cents on the closing day. Lilies moving quite freely and practically the whole crop sold for near delivery. Daffodils and poeticus quite plentiful at 2 cents now; tulips, 3 and 4. Odds and ends of everything come into play well at fair prices. Some good ten weeks' stocks coming in. Hyacinths are being used more as a potted plant now. A little stringency in the supply of hardy ferns for cheap green. Asparagus of two kinds seems in good supply at regular rates. Smilax climbing into favor at \$2 and \$3 per dozen.

Orders on everything are being taken for end of next week at about a 50 per cent raise on late prices. Retail stores are getting their feet placed for



Pillow and Crown.

rush of trade, many obtaining temporary addition of room as usual. J. W. Newman, down on the business end of Brattle street, annexes the other half of his store permanently, his increase of trade at his new stand demanding it.

Notes.

Last week's item did not set E. N. Peirce & Sons' lily crop high enough. They set 28,000 bulbs.

George W. Marshall, at Woodlawn, Everett, Mass., narrowly escaped a serious fire in his large store. A lamp in one of the huge incubators in the basement was in some way tipped over, and before the flames were extinguished several valuable plants in the store above were destroyed.

PILLOW AND CROWN.

The accompanying engraving is from a photograph of a pillow and crown arranged by the Shanahan Florist Co., San Francisco, Cal., for the Phelan funeral.

The flowers in the pillow are white orchids and roses, with asparagus and smilax, and the crown was made of Flora Hill carnations and adiantum ferns.

PHILADELPHIA.

Various Items.

At this writing it looks very much as though the dull season of Lent had run its race in this city, as the storekeepers inform us that business has been rushing all week, there being a big demand for all kinds of cut flowers. The biggest run was on carnations, the

demand exceeding the supply. Upon asking some of the representative storekeepers in this city as to what kind of an Easter they expected, the reply was without any deliberation: "All we ask for is good weather and we will do the rest." From present indications they expect to exceed all previous years. A great many of the growers have all their stock sold, to be delivered Easter week.

Prices: Beauties, \$1 to \$6 dozen; Brides, Maids, Kaiserins and Golden Gates, \$5 to \$12; Morgans and Meteors, \$5 to \$10; Liberty, \$10 to \$25; Gontiers, \$3 to \$4; Perles, \$4 to \$8; cattleyas, \$50; dendrobium, \$10 to \$25; carnations, ordinary \$2, fancy \$3 to \$5; hyacinths, \$3 to \$4; valley, \$3 to \$4; mignonette, \$3 to \$4; tulips, \$4; sweet peas, \$1.50 to \$2.50; daffodils, single \$1 to \$3, double \$4; violets, single 30 to 50 cents, doubles 50 cents to \$1; callas, \$10 to \$15; Harrisii, \$10 to \$12; asparagus, 50 cents; adiantum, \$1.50 per 100; smilax, 20 to 30 cents.

We had for our visitors the past week G. R. Clark & Co., Scranton, Pa.; Lloyd Blick, Norfolk, Va.; B. F. Barr, Lancaster, Pa., and Charles Fremd, Rye, N. Y.

Club Notes.

The Florist Club meeting on Tuesday, April 3, was not largely attended. Benj. Dorrance read a paper on "What the American Rose Society Is Doing for the Queen of Flowers." A discussion followed, which was mostly a repetition of that of two months ago, viz., as to why no more than four varieties of roses were grown. No satisfactory explanation was reached. The growers said it was the store man's

fault, and the store man said it was the fault of the grower.

The Floral Exchange had a vase of blooms of their new rose Queen of Edgely on exhibition. The committee on exhibits reported it a valuable addition to the list of forcing roses. R.

CHICAGO.

Club Meeting.

At the meeting of the Florists' Club last Friday evening there was a discussion on Easter plants, and the general opinion of the retailers was that there was a splendid opening for growers who would devote more time and attention to the producing of high-grade Easter plants.

The majority thought that, aside from white carnations, the supply of cut flowers for Easter would be ample. All expected a splendid Easter business.

One new member was elected and considerable routine business transacted.

The Market.

At present there is sufficient to meet demands in all lines, except white carnations. And there is a tendency toward an excess in bulbous stock. Large quantities of out-door grown daffodils and jonquils are being received from southern Illinois.

For Easter the indications are there will be a good fair supply, probably enough to about meet demand. A very large number of advance orders have been placed and these will undoubtedly all be well taken care of. Only late comers may possibly be cut short on some items, and that is most likely to be white carnations.

Several dealers note signs of stock being held back and it looks as though the same old mistake was going to be made by some growers, with the result that flowers that could have been disposed of to good advantage if sent in when ready may have to be jobbed out to the fakirs when they do arrive.

In roses there promises to be a very satisfactory supply, though probably not enough Beauties. In carnations several dealers predict a shortage, especially in white. An exception is Walter Heffron, manager for E. C. Amling. He looks for a satisfactory supply in all colors and says they will have about 60,000 carnations for Easter trade.

As to lilies, it is practically all guess work. Mr. E. E. Pieser, of Kennicott Bros. Co., takes about as hopeful a view as anyone, believing that supply and demand will about equal each other. They have already booked an unusually large number of advance orders, but expect to take care of all orders, with the possible exception of some white carnations.

Of bulbous stuff there is danger of a surplus. Indications are that there will be tulips "to burn" and immense quantities of daffodils and hyacinths. Cal-

las seem to be fairly plenty and these may help out the lily situation.

Peter Reinberg and Wietor Bros. expect a fair cut of roses and carnations and think will fill all orders fairly full, except possibly on Beauties and carnations.

Bassett & Washburn will have a big cut of tea roses and a good deal of other stock, but are unable to promise much as regards Beauties and white carnations.

E. H. Hunt has booked a big lot of advance orders, but expects to take care of them all.

McKellar & Winterson say there will be plenty of Harrisii and lots of tulips and hyacinths, with a fair supply of other stock, though possibly a shortage in shipping grades. They have been doing a big business in Easter Plants, shipping many times the number sent out last year. The lily plants were shipped in barrels, six to a barrel, with express paper over the top, and they went through in very good shape.

Various Items.

Mr. P. J. Hauswirth has removed to 223 Michigan avenue, where he has more room and a more conveniently arranged store. He is still in the Auditorium Hotel, but on the Michigan avenue side and in the part known as the Annex.

The preliminary premium list of the Horticultural Society of Chicago for the annual exhibition to be held November 6 to 10 next has been issued. Copies may be had by addressing W. N. Rudd, secretary, room 1002, 185 Dearborn street.

Mr. and Mrs. H. B. Beatty, Pittsburgh, spent last Saturday in the city. They were on their way home from a week's visit in New Orleans.

Mr. Charles H. Fisk has sold his retail store at 169 Wabash avenue to Miss H. Miller, who will take possession May 1. On that date Mr. Fisk will enter the employ of Mr. A. L. Randall, the wholesale florist. Mr. Fisk has long been anxious to get back to the wholesale business.

The bowlers will play next Wednesday night at Anson's the second half of the eight games that will determine the composition of the team to meet the visitors from St. Louis.

At the first session of the new city council last Monday evening there was a large display of flowers.

At the funeral of a board of trade man this week one bunch of roses contained 150 American Beauties, and a bunch of Harrisii lilies contained 200 blooms.

ST. LOUIS.

Outlook for Easter Trade.

Every indication points to an active Easter trade, and from the advance sales reported by the growers, large Harrisii in pots are going to be scarce, but those that are in are very fine.

The cut flower stock promises to be fairly abundant, but should the orders come in as they have been, there certainly will be none too much.

The wholesalers report that the demand from the outside will be great and that the shipping trade will probably be heavier than ever.

The home trade has been quite heavy the last two weeks and stock has been cleaned up nearly every day. Funeral work the past week called for an enormous lot of stuff, which was followed on Monday by an unusually heavy demand, caused by the "openings" of several large department stores, and prices made a small advance over the week previous. Easter prices will take effect Wednesday and the quotations will be found below.

First-class American Beauties will be scarce and the price will range from \$1 to \$6 per dozen; Meteors, Maids and Brides, from \$4 to \$10; only the very select ones will bring the top figure; Perles and Woottons, from \$4 to \$6, and no doubt plenty of them will be on hand. Meteors are not as good as they have been, as they are off color, and there are a great many bullheads among them. All other roses are of good quality and fine in color.

Carnations are and will be in great demand. Large quantities of them are coming in, but the demand has been so great that it seems almost impossible for the wholesalers to get enough of them. All kinds sell. Whites have had the call, with Daybreak next. Scott is also a good seller, in fact, any old kind will sell nowadays. The price asked is from \$2 to \$5; the latter figure is for the best fancy stock.

Bulb stock is quite plentiful and of fine quality. Romans and paper whites are \$2 to \$3; Dutch hyacinths, \$3 to \$4; valley, very fine, \$2 to \$4; callas, \$10 and \$12.50; Harrisii is scarce and will no doubt be up to \$15 this week. Violets are still a glut and lots of southern stock coming up, with very little sale for it; home-grown sells at 20 and 30 cents; southern stock 10 cents per 100; sweet peas, \$1 to \$2; smilax will be \$12.50 per 100 strings, with plenty of it on hand.

The plant trade at Union market the past week has been excellent and prices good.

The tree planting trade has been very brisk the past week. C. C. Sanders reports that he has never been so busy as this spring with trees, shrubs and evergreens.

C. Young & Son Co. report good plant and seed shipping trade, and from orders that come in this early it looks as though their business will be almost doubled this season. Will Young, who is now the outside man, reports large orders for planting out just as soon as the weather will permit.

Henry Johan, of Collinsville, Ill., was a visitor the past week.

J. G. Knoll, of South St. Louis, is cutting the best Beauties that come to this market just now.

John Steidel, of Central, is still cutting the best carnations and violets that come in.

Emil Schray reports that he will be in tip-top shape with Easter plants, and that everything will be in good time.

Frank Fillmore's Brides and Maids are hard to beat at the present time. His Easter plants are also in good shape. Frank is well fixed for a large Easter trade.

The Beyer Bros. report that they also are in fine shape for Easter and that Harrisii will be the only scarce article with them this season. All other stuff is fine and plenty of it.

The club meeting which will be held on the 19th should be a banner one and President Ammann would like to see every member present, so don't forget to come.

The West End florists report that the indications are that the Easter trade will be better than ever, and some have plenty of orders ahead this early. They hope that stock will not be too scarce, so that they can fill all their orders in good shape.

Bowling.

The attendance was very slim at the bowling club Monday night. Charlie Kuehn was in fine trim, making 227 in the second game. The other members were all too busy to do much rolling until after the Easter week. The scores of the three that attended were as follows:

	1	2	3	4	5	Tot.	Av.
C. A. Kuehn...	148	227	164	168	157	585	171
J. W. Kunz...	137	142	150	...	...	429	143
John Young...	159	163	112	153	116	703	140
						J. J. B.	

BALTIMORE.

Personal and Trade Notes.

The opening on Saturday, April 7, of the new building of Posner Bros., one of our large department store firms, made quite an event in local florist circles. The structure, which is imposing and substantial, is especially adapted to producing good effects in the hands of the apt decorator, and to say that Samuel Feast & Sons were entrusted with its embellishment is equivalent to declaring that the work was done with skill and taste. The massing of palms, foliage and flowering plants was effective, and the festooning of stairways and arches with southern smilax and other green stuff gave a thoroughly holiday appearance to the edifice. The occasion was availed of by friends of the firm to send many floral creations. In fact, it may be said that nearly every store in town had orders. The horseshoe of hoped-for good luck was largely in predominance, but many wreaths and baskets—and one floral terrapin—were sent in, of varying degrees of beauty and finish, some, alas! succumbing to the drying atmosphere and wilting by noon, at which hour they were under inspection by your correspondent.

Business for the week up to this writing (April 9) has been unusually active, and prices well maintained,

roses and carnations at no time being in excess of the demand; in fact, carnations have been generally short of supply.

Andrew Andersen, of Govanstown, is about erecting two houses, each 100 feet long. One for American Beauty roses and the other for smilax, both of which he will hereafter make his specialties.

William Madsen is cutting Beauties of fine flower, foliage and stems, fully maintaining the reputation he has so long had for successful production of this splendid variety.

No place we are acquainted with has been so much improved within the past year as Frederick C. Bauer's, near Govanstown, formerly the Hantske place. The greenhouses have been renovated, a water system established, with elevated tank and hot-air pumping engine, a dwelling erected and the grounds graded and put in order. Mr. Bauer is full of energy and has varied experience, having been long in the business, his last position being as foreman for Isaac H. Moss. His specialties are carnations, callas and violets, all of which are well done. He is a practical minded cultivator, who has a capacity for thinking out every problem of his business and for achieving results.

Mr. Moss' place has been a nursery for bright young gardeners. One of his department foremen, Thomas Stevenson, sends in the finest violets which come to the city and is regarded as a wide-awake and progressive all-around cultivator. William Price, another of his young men, recently left him to take charge of the plant houses of Mrs. T. Harrison Garrett, and under his attentive care their contents are said to be making a very creditable showing.

The young plants of the Liberty rose which are being received by purchasers in this vicinity are much larger and more vigorous of growth than is usual with new introductions. We hear of one thrifty florist who bought one hundred plants, potted them up and got enough cuttings to increase his stock to the present time to two hundred and fifty.

RIX.

DENVER, COLO.

Various Items.

The Gallup Floral Co., now one of the oldest establishments of its kind in Denver, have a most attractive store, connected with a convenient conservatory, on the corner of Fifteenth street and Cleveland place.

The business is conducted by some of the best men in the trade, viz.: Messrs. Lewis, Gallup, Schultz and Emerich, and although they have to depend largely on other growers for their cut flowers, the windows are always in fine trim.

A large amount of flower and vegetable seed is neatly arranged in the center of the store in pyramid shape,

inviting the customers to purchase. One of the wings of the conservatory is stocked with palms, ferns and Selaginella Emiliana. Among the ferns are some nice maidenhair, pteris and cyrtomium, also polypodium argenteum, which is not generally grown; also a hardy fern with heart-shaped cut leaves, seldom seen here.

In the other wing of the conservatory we find Primulas, obconica and chinensis, both in good shape; carnations, genista, spirea, callas, Begonia semperflorens rosea, and a lot of young maidenhair ferns and seedlings. The conglomeration of the latter, however, hamper the arrangement very much. Mr. Lewis is always the same genial fellow-tradesman.

Mr. Charles Thiess, who has moved further up on Sixteenth street, into the store formerly occupied by the Colfax Avenue Floral Co., has an abundance of flowers in his window. Charlie is among the best of decorators and is very tasty in arranging floral pieces.

Calla lilies in the window of Glauber & Webb attract attention on account of their size. Mr. Mehler, the grower, takes the palm. One specimen with stem 1½ inches thick by 6 feet long and flower 6x9 inches, is a "daisy" and worth mentioning.

There is still some controversy in regard to the Bermuda lily disease and that it can be overcome, partly, by growing them in a certain way and with proper soil and care. There are many ways of growing lilies, but the writer has always preferred, in this climate, to start them inside instead of keeping them in frames, and the use of bone meal instead of manure as fertilizer. The cause of failure may often be traced to the ripening, curing, improper packing and handling by the middlemen, which the florists cannot well overcome. They are not improved by allowing them to get dry, either in transit or in the pots.

Colonel Colburn, who for more than ten years has been bookkeeper for the Curtis Park Floral Co., and was well known to all who had dealings with that firm, died recently. The interment was at Fairmount cemetery April 1, and was conducted by the G. A. R.

F. A. HAENSELMAN.

The following scores were rolled by Denver bowlers Tuesday, April 3:

	1	2	3	Av.
J. Berry	152	202	206	186 2-3
P. Scott	159	189	194	180 2-3
C. Thiess	157	119	190	155 1-3
Geo. Zimmer	151	166	119	142
E. Emerich	129	155	135	139 2-3
Fietz	118	118	141	125 2-3
J. A. Valentine .....	...	166	165	165 1-2
A. N. Benson	113	167	164	148

PHIL SCOTT.

BUFFALO.

My little screed is sure to begin or end with the weather. And this Tuesday morning it is the most weighty thing on a Buffalo florist's mind; about the freezing point, and the old woman is picking her geese, for the feathers

or flakes are falling fast and thick. Horrors! Can it last? No, impossible! Always remember that the weather was not made for us; we are creatures of the weather, and no one is dishing us out a particularly bad sample; it's just Buffalo weather.

From the present outlook there will be two important articles in very short supply, viz., lilies and carnations. With carnations it is not unusual; simply the cut is gone. We are between crops. Lilies, although we have had a fair supply of sun, have had not a single warm day in two months to help them along, and disease has terribly thinned their ranks. In all other plants there will be a bountiful supply, except perhaps of Dutch hyacinths. George Fancourt has sent in to Kasting his usual contribution of hydrangeas, a fine lot, well grown and well colored.

The retailers on Main street are already making a fine show. W. A. Adams says: "If I can get them I will sell more lilies than I ever did," and you know he has the concentrated essence of ginger so permeating his whole system that what he says goes. S. A. Anderson has a splendid window and is buying all the attractive plants he can get.

Over on the East Side, the great Teutonic settlement, the popular lady florists are all laying in big stocks of plants. Miss Nussbaum, Miss Rose Rinehart and Miss Kloko can now sell hundreds of nice plants where ten years ago a hyacinth or geranium was the limit. Mr. Buddenborg, with his two stores to catch two nationalities, reports business good and expects to handle many medium-sized plants.

The feature of last week's and this week's business has been store openings. Many of the leading stores made elaborate displays of palms and flowering plants, one millinery store giving a rose or a few carnations to every caller, and so they used up in one day over a hundred dollars' worth of flowers. All good for business, even if they were purchased a little cheap; somebody got something for growing them.

I want to acknowledge the receipt yesterday morning (Monday) of a box of flowers from Mr. Valentine, of the Park Floral Co., Denver. Now, these flowers, which were Bridesmaid and Bride roses, Flora Hill carnations and mignonette, must have been in the express car forty-eight hours, and I believe laid twenty-four hours in our local express office, opened up in better condition than I have seen many flowers arrive after a hundred mile journey. They were simply perfect, fresh and handsome. This is, of course, the most favorable time for transporting flowers, but without that their beauty and condition speaks greatly for their growth and simple but perfect packing. As we have a deep interest in anything that is under the care of the Buffalo boys, Phil and Mike, in that distant silvery bright city, we were more than gratified about the ex-

cellent quality of the flowers. I will communicate privately, but will say that when I heard they were coming I expected to see "only a faded flower" that would have the appearance of being bowled at and shot at, for they seem to do a good deal of that after you leave Elmer Smith's virtuous state.

W. S.

NEW GERANIUM CLYDE.

We have received from Mr. W. E. Hall, Clyde, O., a blooming plant and several trusses of bloom of this splendid new single scarlet geranium. The plant is evidently of unusual vigor of growth and the blooms are most certainly entitled to the title "Mammoth," for the individual flowers average over 2½ inches in diameter and the trusses are remarkably large and full.

The color is very pleasing and the variety will certainly prove a very desirable addition to our list of geraniums. Such plants as that sent us would surely sell quickly to the flower-buying public. Mr. Hall is to be congratulated on having produced so promising a new geranium.

MEXICO'S FLOWER SHOW.

For many years the Coyoacan Exhibition Association under the auspices of the Mexican Federal Government has held yearly and half yearly exhibitions of flowers, birds, poultry and ornamental fishes. The government now desires to make these expositions international in their character, so that the floriculturists of the United States can take part, and in order to facilitate this participation the government is disposed to defray the expenses of transportation of the American exhibits from the frontier to Coyoacan and back.

According to the program of the directors an invitation is tendered to all persons engaged in the cultivation of flowers, whether amateurs, floriculturists or dealers in flowers. The exposition will be opened on April 26 and closed May 6, 1900. There will be admitted to competition:

1. Ornamental plants and trees.
2. Collections of medicinal plants.
3. Cut flowers, bouquets and flower decorations.
4. Decorations of dry flowers and leaves.
5. Plans for garden and parks.
6. Green house installation plants.
7. Artificial grottos and cascades.
8. Physical meteorological instruments applied to floriculture.
9. Implements and instruments for general gardening.
10. Natural and artificial fertilizers.
11. Plans for zoological and botanical gardens.
12. Live birds, fishes and poultry of all kinds placed respectively in their cages or aquarium.

The application for space must be addressed to the secretary of the advisory committee, Espiritu Santo street 7, City of Mexico, and will be granted gratis. The premiums will be awarded by a jury appointed by the Department of State for promotion of the Mexican

Government, and will consist of medals, diplomas and money for the floriculturist.

Coyoacan is a beautiful suburban town on the south side of the City of Mexico, with which it is connected by street car lines and a railroad; the transportation to and from is comfortable and rapid.

AMERICAN CARNATION SOCIETY.

Carnations Registered.

By Richard Witterstaetter, Cincinnati, O.: Estelle—Bright scarlet, never coming off color, fragrant, form excellent; stem strong and stiff, short first after lifting, but reaching 12 to 16 inches by December. Size three to three and one-half inches; in habit exactly the same as Portia; a continuous bloomer.

By Henry A. Molatsch, Brooklyn, N. Y.: Mrs. Bird S. Coler—A healthy, strong grower, a continuous bloomer; has a very stiff stem, does not burst, is not subject to stem rot. Color about the same as Portia. Size two and one-half to three inches; height 30 inches.

ALBERT M. HERR, Sec'y.

Lancaster, Pa.

THE PARIS EXPOSITION.

We learn from Le Jardin that, notwithstanding the reports that have been current, the date of the opening of the Paris Exhibition has been fixed, and that the doors will be open on April 15. Our contemporary states that the work of completing the gardens is being pushed on with great activity, and their completion it is believed will be effected by the date of opening. The gardens in the Champs-Élysées are being rapidly planted with the trees and shrubs that will form part of the permanent horticultural exhibition. The French gardens on the Esplanades des Invalides are nearly completed, and the collections of roses contributed by the French nurserymen have been planted. Near the Trocadero the gardens are devoted chiefly to contributions from the French colonies.—Gardeners' Magazine.

SCRANTON, PA.—Hitchings & Co., of New York, were awarded the contract to build the new greenhouse at Hillside Home. Their bid was \$3,975. The house will be built on an iron frame and will be a very substantial piece of work.

SHERMAN, TEX.—The Texas Nursery and Floral Co. has been incorporated with a capital stock of \$10,000. The incorporators are E. U. Kirkpatrick, H. C. Robson and C. C. Mayhew.

DOYLESTOWN, PA.—The firm of Schmutz & Carver, florists, has dissolved partnership and George Carver has accepted a position with Florist John E. Andre.

CATALOGUES RECEIVED.

Jennings Bros., Olney, Philadelphia, Pa., Jennings' patent fittings for iron bench frames with wood, slate or tile bottoms; also Jennings' iron gutter and drip conductor; John F. Rupp, Shiremanstown, Pa., seed specialties for florists; J. C. Williams, Montclair, N. J., catalogue and price list of fruit and ornamental trees, vines and plants; State Nursery Co., Helena, Mont., spring price list; Andorra Nurseries, Chestnut Hill, Philadelphia, Pa., wholesale trade list; D. K. Herr, Lancaster, Pa., price list of rooted cuttings, plants and seeds.

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The Cottage Gardens,

C. W. WARD, QUEENS, L. I.
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PANSIES...WORTH RAISING

Good Plants by express, \$2.50 per 500;
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Represents Quality of Stock Listed below.

25,000 2½-inch Roses, no finer stock grown. Brides, Perles, Meteors and Maids, \$3.00 per 100. Kaiserin and Golden Gate, \$4.00 per 100. Guaranteed satisfactory in every respect.

25,000 Carnations, strong, healthy, well rooted stock, sure to please. Lawson down to Lizzie McGowan. 25 leading up-to-date varieties. Standards, \$7.50 per 1000. Send for list.

Mammoth Verbenas, 20th Century collection. Rooted Cuttings all sold. Strong 2-inch, ready May 1st, \$2.00 per 100; \$20.00 per 1000.

50,000 Dble. Fringed Petunias, Henderson's and Dreer's latest sorts. We all know that they lead the world. \$1.00 per 100, \$8.00 per 1000.

Alyssum, strong 2-inch, 2 cents.

Geraniums, sweet scented, strong 2½-inch, 2½ cents; strong 2-inch, 2 cents. Mme. Sallerol, strong 2-inch, \$2.00 per 100.

Ageratum, Princess Pauline, the only one to grow, \$1.00 per 100. Extra strong, 2½-inch, full of cuttings, \$2.50 per 100.

20,000 Pansies from \$10.00 seed, big plants in bud and bloom, \$1.50 per 100.

Fuchsias, 10 leading sorts, \$1.00 per 100; strong 2½-in., 3c; strong 2-in., 2½c.

Smilax, strong seedlings, 50c per 100; \$4.00 per 1000 by mail. Extra strong 2-in., \$1.25 per 100; \$10.00 per 1000.

Vincas, strong, 2½-in., Major and Variegata, 3c; strong, 2-in., 2½c.

Marguerites, New California Giant White, rooted cuttings, \$1.00 per 100; strong, 2½-in., \$2.50 per 100. New Golden, same price, rooted cuttings and pot plants.

Our wholesale descriptive list of Specialties mailed on application. Terms, strictly cash with order. Small packages by mail.

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PANDANUS VEITCHII.

Highly colored, 12 to 15 inches high above 6-in. pots. Choice stock. Price \$1.00 each; \$12.00 a doz.; also a few 7-in. at \$1.50 each, and 8-in. at \$2.00 each.

JOHN WELSH YOUNG,

Upsal Station, GERMANTOWN,
Penna. R. R. PHILADELPHIA, PA.
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Last Call for Carnations.

2000 G. H. Crane.....per 100, \$2.00
1500 Mrs. G. Bradt....." 1.25
700 Gold Nugget....." 1.00
1800 Mary Wood....." 1.50

1000 Melba.....per 100, \$1.25

Per 100
500 Yellow Baby Primrose, in bloom, 2½-in. \$5.00
500 De Roo Mitting, 2½-in. 5.00
1000 Obconica, in bloom, 2½-in. 2.50
1000 Chinese Primula.....2½-in. 1.00
7000 Named Geraniums, our selection. " 2.00
4000 Double Petunias, mixed....." 2.00
2000 Putunias, California Giants, single, " 2.00
3000 Mme. Sallerol Geranium....." 1.50
80000 Coleus, our selection only....." 1.50
10000 Coleus, mixed....." 1.25
10000 Large Pansy Plants, in bud.....1.00

10,000 H. O. Let us know your wants.
10,000 Unrooted Cuttings, as following:

400 White Cloud.....per 100, \$1.00
1000 Flora Hill....." .50
1800 America....." 1.50
1000 Glacier....." 1.50

Per 100
1000 Red and Yellow Irisines.....2½-in. \$1.50
1000 Alternanthera, red and large lvd. " 1.50
5000 Forget-Me-Not.....2½-in. 1.50
1500 Lobelia, Crystal Palace Gem.....2½-in. 1.50
1000 California Moss....." 1.50
1000 Mesembryanthemum Erectum... " 1.50
2000 Begonias, Red Vernon, bedder... " 1.50
2000 Begonias, Pink Erfordi, " " 1.50
2000 Begonias, Sandersonii, " " 1.50
5000 Begonias, our selection, named.. " 1.50
Write us for large Ferns.....5-in. 10.00

THE MORRIS FLORAL CO., Morris, Ill.

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Shrubs, Plants, Bulbs, Seeds. 40 Acres Hardy Roses. 44 Greenhouses of Palms, Everblooming Roses, Ficus, Ferns, Etc. Correspondence solicited. Catalogue Free.

THE STORRS & HARRISON CO., Painesville, O.

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Fine Stocky Plants

Per 100
Alternantheras, yellow, \$1.75 per 100; red.....\$2.00
Oxalis floribunda, fine for vases.....2.00
Coleus, 2 and 2½-in. pots, good assortment.. 2.00
Geraniums, 2½-in. pots, my selection.....3.00
Geraniums, 3-in.4.00
Centaurea Gymnocarpa, 2-in. pots.....2.00
Ageratum, 3 varieties, 2-in. pots.....2.00
Verbenas, 2½-in. pots, good varieties.....2.00
Vinca Vines, 2 varieties, fine plants.....3.00
Double Petunias, 3 in. pots.....3.75
Asparagus Sprengeri, May 1st.....4.00
Smilax, 2-in. pots, May 1st, per 1000, \$8.00... 1.00
Heliotrope, white and purple.....2.50

CASH PLEASE.

JOS. H. CUNNINGHAM,
DELAWARE, OHIO.

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MAMMOTH VERBENAS.

Mammoth Verbenas, rooted cuttings, large stocky plants, coming in bud just right for spring trade. Plenty of red and pink if wanted, 50c per 100; \$4.00 per 1000. Potted plants in large bud, 2-in., \$1.00 per 100. Heliotrope rooted cuttings, dark blue, \$1.00 per 100. Lobelia in bud or with out bud, 3-in., \$4.00 per 100, Begonia Vernon, \$1.50 per 100. Write for prices on larger quantities. Satisfaction guaranteed. Send for sample.

SAMUEL WHITON, 15-17 Gray Ave., UTICA, N. Y.

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THE "OLD RELIABLE" FOR

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A GOOD MOVE.

The residents of Oak Park, one of Chicago's suburbs, are organizing the "Oak Park Beautifying Association." Each unit of the general association will be, not an individual but a club of the residents in one block. The block organization will assume responsibility for the appearance of its block.

While the town is not to be painted in one color, members of the organization say the houses in each block will be painted with an idea to harmony and artistic effect. There will be some regulations about fences.

The man who has dandelions in his lawn will be brought to account promptly if he does not make proper effort to keep them from spreading upon his neighbor's lawn.

Individuality in the decoration of lawns and residences will not be discouraged but rather encouraged by the competition. The idea is to make the whole residence district more attractive.

This will, of course, result in a larger use of flowering plants, shrubs and trees, and thus enlarge the florists' opportunities. And anything tending in that direction should be encouraged by the trade.

In every community there are a few good citizens who are lovers of the beautiful and public spirited as well. A word of suggestion dropped in the ears of such by the florist would result in the formation of many such associations throughout the country and do much to beautify the residence streets as well as incidentally create a larger demand for the products of the greenhouse and nursery.

SALT LAKE CITY, UTAH.—Messrs. Grether & Barker, who are listed in the last trade directory, have been out of business for over a year, and A. Schulthess, who is also listed, has not been living at the address given for a long time. Catalogues addressed to them are wasted.

MARSHALLTOWN, IOWA.—F. H. Fenner has purchased the Riverside Floral Co.'s plant and is overhauling and restocking it throughout.

**McKELLAR & WINTERSON'S
Modern Supply House**

is the place to buy your CUT FLOWERS, SUPPLIES, SEEDS, etc. MASSACHUSETTS FANCY FERNS, per M, \$1.50; 5 M lots, \$6.25. Now Ready.....CARNATION CUTTINGS, VIOLET PLANTS, FORCING ROSES, YOUNG STOCK OF ALL KINDS.

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Wholesale Growers of and Dealers in **CUT FLOWERS**

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500,000 feet of Glass.

Headquarters for fine AMERICAN BEAUTIES.

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In our new and enlarged quarters we are better prepared than ever to handle your orders.

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WHOLESALE GROWER OF ROSES. DEALER IN **CUT FLOWERS.****J. A. BUDLONG,****37-39 Randolph St., CHICAGO, ILL.**

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Maplewood Cut Flower and Plant Co. GEO. M. KELLOGG, Pres.Growers of **CUT FLOWERS** at Wholesale.

Regular shipping orders given special attention. We have the largest plant west of Chicago.

Store: 906 Grand Ave., KANSAS CITY, MO
Greenhouses; Pleasant Hill, Mo.

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All telegraph and telephone orders given prompt attention.

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Cut Flowers and Florists' Supplies.

Manufacturer of the Patent Wire Clamp Floral Designs. A full line of supplies always on hand. Write for catalogue and prices.

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WHOLESALE FLORIST,

1322 Pine Street, ST. LOUIS, MO.

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ELLISON & TESSON, WHOLESALE SHIPPING**FLORISTS****3134 Olive Street, ST. LOUIS, MO.**

...Home Grown Stock...

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Cincinnati Cut Flower Co.W. A. MANN.
FRANK W. BALL.**416 Walnut St. CINCINNATI, O. Wholesale Florists**Consignments Solicited.
Special Attention Given to Shipping Orders

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CALL ON US
IF YOU HAVE ANYTHING TO SELL.

Money on Demand. We pay all shippers every Monday. Don't let any one owe you. Ship to us and get the market price and the cash each week.

42 and 44 East Randolph Street,
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32-34-36 Randolph St., CHICAGO.
W. S. HEFFRON, Mgr.

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Welland & Risch,
WHOLESALE GROWERS AND SHIPPERS OF
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F. F. BENTHEY, Mgr.

WHOLESALE AND COMMISSION **Florists.** Consignments Solicited.

41 Randolph St. CHICAGO.

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25,000 Coleus Cuttings.

See our "Ad." of April 5, 1900, page 570.

WRITE US AT ONCE.

GREENE & UNDERHILL, - - WATERTOWN, N. Y.

Burpee's Seeds Grow

FERN SPORES SOW NOW!!

WE ARE HEADQUARTERS—Extra large package of fresh spores, sufficient for 3000 plants, with full cultural directions, postpaid for \$1.00. Collection of 12 distinct varieties, each separate, \$5.00.

EMERSON C. McFADDEN, - U. S. Exotic Nurseries, - SHORT HILLS, N. J.

Mention The Review when you write.

SPECIAL OFFER.....

I have several thousand 2-in. pot plants. Verbenas, nice strong bushy plants, all the colors except white. I want the bench room for S. A. Nutt and La Favorite Geraniums. To make them go quick I offer them at \$1.50 per 100; \$14.00 per 1000. Abutilon—Savitzii, 2-in. pots, per doz., 75c; \$8.00 per 100. Ageratum—Princess Pauline (True) R. C. per doz., 20c; \$1.00 per 100. Fuschias, R. C., mixed var., fine stuff, per doz., 20c; per 100, \$1.00.

S. T. DANLEY, - - PIACOMB, ILL.

Mention The Review when you write.

Coleus. Golden and Scarlet Verschaffeltii, Golden Crown, R. C., 26 other good kinds, 70c per 100; \$5.50 per 1000. Chrysanthemums, 35 or more named varieties, \$1.25 per 100; \$10 per 1000. Verbenas, 60c per 100; \$5 per 1000. Ageratums, white, blue and Pauline, 70c per 100. Heliotrope, 15 named sorts, \$1 per 100. Petunias, 30 named dble. varieties, \$1.25 per 100; \$10 per 1000. Lantanas, \$1.25 per 100. Alyssum, \$1 per 100. Salvias, \$1 per 100. Begonias, 2½-inch pots, \$2.50 per 100. Express prepaid on all Rooted Cuttings. Send in your orders now.

S. D. BRANT, CLAY CENTER, Kansas.

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SAMUEL S. PENNOCK. Wholesale Florist

{ Until further notice, will be open from }
6:00 a. m., to 11.00 p. m.

American Beauties and Valley Our Specialties. 1612-14-16-18 Ludlow St., Philadelphia, Pa.

Mention The Review when you write.

SAN FRANCISCO.

Various Items.

Business has been good this week and will be likely to continue so until Easter is past. Many orders for Easter decorations are on file, which will keep our florists hustling. Stevenson has the Emporium decoration and will be the largest done in San Francisco. The weather has cooled off a little and with April showers the Princess of Wales and California violets have peeped into market, but their time will be short.

Prices: American Beauties, \$1.50 to \$2; Brides and Maids, 25 to 75 cents; Siebrechts, 50 to 75 cents; Meteors, 35, 50, 75 cents; Perles, 25 to 35 cents per dozen; Cecil Brunners, 4 dozen for 25 cents. Carnations, Hobart \$1, Crocker 50 cents, Schwerin 40 cents, Bradts 35 cents, Hill 25 to 35 cents, Scott 20 to 25 cents, Portia 10 to 20 cents. Harrisii, \$2 to \$2.50; tulips, 35 to 50 cents; Spanish iris, 35 cents; violets, Princess of Wales \$1.25, California \$1, Giants \$1; smilax, \$1 per dozen.

Mr. E. Gill has moved to Fourteenth and Clay streets, Oakland. The stand is not so good as the old one, but was the best that could be had at present.

Lacazette & Peterson have dissolved partnership after two months of business. Mr. Lacazette will carry on the business alone.

Shannahan, on Powell street, had all he could do in funeral work this week.

Mr. Nunemacher, our Thirteenth street florist, has just returned from a gunning party, and says he had a fine time. Mr. N. boasts that he can hit a bottle at forty yards without a miss. That's nothing; we have several members of the craft that can hit a bottle at closer range than that, but it happens the marksman goes to pieces, not the bottle.

J. N.

THE QUEEN OF EDGELY.

At the last meeting of the Florists' Club of Philadelphia, some blooms of the new rose, Queen of Edgely, the pink sport from American Beauty, were exhibited, and a committee composed of Robert Kift, Wm. Munro and Joseph Heacock, made the following report:

"We are convinced that this variety is a valuable addition to the list of forcing roses, being in every respect except color the exact counterpart of the American Beauty. The color is a beautiful bright pink, which is good even in the full flowers. The fragrance is also as fine as Beauty, and the exhibited blooms showed remarkable vigor."

PITTSBURG CUT FLOWER CO., Ltd. WHOLESALE FLORISTS.

Long Distance
'Phone 2157.

CONSIGNMENTS SOLICITED.

No. 504 Liberty St.,

FLORISTS' SUPPLIES.

Write for Price List.

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Asparagus Plumosus

Cut Strings
8 feet long.
50c per string.

Nanus

Shipped
to any part
of the country.

W. H. ELLIOTT,
BRIGHTON, MASS.

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VEGETABLE PLANTS.

LETTUCE, Boston Market, Tennis Ball, Curled Simpson, Grand Rapids and other varieties, 15c per 100; \$1.00 per 1000; \$3.50 per 10,000, if by mail, add 10c per 100.

TOMATO, small plants for transplanting, in several varieties, 15 cts. per 100; \$1.00 per 1000.

PEPPER, small plants for transplanting, in several varieties, 25 cts. per 100; \$2.00 per 1000, if by mail, add 10 cts. per 100.

EGG PLANTS, New York Improved, for transplanting, 25c per 100; \$2.00 per 1000.

CELERY, White Plume and Golden Self-Blanching, 15c per 100; \$1.00 per 1000.

Other Vegetable plants in season. Cash with order.

R. Vincent, Jr. & Son, White Marsh, Maryland.

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EDWARD B. JACKSON, Wholesale Florist.

HARDY HERBACEOUS PLANTS ONLY.

In any quantity for the least money.

STAMFORD, CONN.

Mention The Review when you write.

Dracaena Indivisa.

Strong plants, in 2-inch, ready for 3-inch pots.

\$2.50 per 100; \$20 per 1000; \$55 per 3000.

THE FLORISTS' SUPPLY CO.,

Box 56, North Tonawanda, N. Y.

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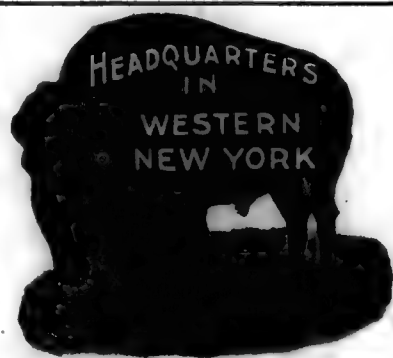
For Spring Planting. The Reliable new EVER-BEARING PEACH, also the ELBERTA and other choice varieties. JAPAN PLUMS, all the most approved sorts. Select assortment small fruits. Prices for above very reasonable. Address

MILFORD NURSERIES, - Milford, Del.

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GIVE US
A
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WE CAN
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YOU.

Roses,
Carnations
and all
kinds of
Seasonable
Flowers
in stock.



WM. F. KASTING, Wholesale Commission Florist,
481 Washington St., BUFFALO, N. Y.
Also Dealer in Florists' Supplies and Wire Designs.

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JOHN B. FERGUSON, Wholesale Florist,

444 Sixth Ave., PITTSBURG, PA.

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A New Catalogue entitled

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Twelve pages and handsome cover. Shows forty-one arrangements, with prices. For agents' use, or promoting out-of-town trade. Sample 40c in Stamps. Circular Free.

DAN'L B. LONG, Publisher, BUFFALO.

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Cut Flower Exchange,

404 - 412 East 34th St., New York,

NEAR THE FERRY.

Open Every Morning at 6 o'clock for the sale of CUT FLOWERS.

Wall space for Advertising purposes to Rent.

J. DONALDSON, SECRETARY.

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Send 50c or \$1 for Samples and Prices of ROSES

Brides, Maids, Perles, Kaiserins, Woottons, Golden Gate, La France, or

GERANIUMS in 3-in. Pots. Pink, Red, White and Salmon.

GEO. A. KUHL, Pekin, Ill.

Mention The Review when you write.

Roses! Roses! Roses!

We make the growing of Roses a specialty and carry an immense stock of them, having **One Million** now on hand. You are invited to inspect this stock. Our aim is to give value for value. We wish to merit the full confidence of every customer we have. It is this method of dealing that has built our trade up in the few years we have been in business, until we lead the world in Roses.

The following varieties at \$3.00 per hundred, \$27.50 per thousand; 25 at hundred rates, 250 at thousand rates, 50c per doz.

Augustine Halem	Crimson Rambler	Kaiserin A. Victoria	Mde. Pernet Ducher	Papa Gontier	Sylph
Bertha Clavel	Duchess of Albany	La France	Mde. Welche	Rainbow	Santa Rosa
Burbank	Duchess Marie Salviati	Lamarque	Mde. Abel de Chatney	Royal Cluster	Striped La France
Beaute Inconstante	Devoniensis	Letty Coles	Marquis de Viviers	Reine Marie Henrietta	Solfaterre
Caroline Marniesse	Duke of York	Mde. de Watteville	Marie Van Houtte	Sunset	Triumph de Pernet
Christine de Nougé	Empress Eugene	Mde. de Vatre	Miss Edith Gifford	Sombreuil	Pere
Clara Watson	Empress of China	Mde. Hoste	Mrs. Robert Garrett	Souv. de la Malmaison	Viscountess Folkstone
Climbing la France	Enchantress	Mde. Honore Defresne	Muriel Graham	Souv. de Pres. Carnot	White Maman Cochet
Climbing Malmaison	Francois Dubrieul	Media	Princess Alice de Monaco	Souv. de Jeanne Ca-	White La France
Climbing Meteor	Golden Gate	Mde. Lambard	Princess Venosa	baud	W. A. Richardson
Champion of World	Helen Cambier	Maman Cochet	Pierre Guillott	Souv. de Cath. Guillott	White Bougere
Crown Prin's Victoria	Hermosa	Meteor	Perle des Jardins	Souv. de Mme. Eugene	Waltham Queen
Caroline Goodrich	J. B. Varrone	Mary Washington		Verdier	

The following varieties at \$2.50 per hundred, \$22.50 per thousand; 25 at hundred rates, 250 at thousand rates, 40c per doz.

Aline Sisley	Clothilde Soupert	Etoile de Lyon	La Phoenix	Monsieur Furtado	Souv. de Un Ami
Antoine Verdier	Catherine Mermet	Edouard Lettaye	Mde. Martha du Bourg	Monthly Cabbage	Sanguinea
Adam	Comtesse de Frigneuse	Enfant de Lyon	Mde. Eli Lambert	Marie Ducher	Souv. de David
Andre Schwartz	Cornelia Cook	Fortune's Dbl. Yellow	Mde. Jos. Schwartz	Mosella	Snowflake
Anna Olivier	Chas. Legrady	General Tartas	Mde. Schwaller	Marechal Niel	Tennessee Belle
Agrippina	Countess Eva Star-	General R. E. Lee	Mde. Scipion Cochet	Md'lle C. Berthod	The Queen
Apolline	hemburg	Golden Chain	Mde. Bravy	Md'lle F. Kruger	The Bride
Alba Rosea	Clarie Carnot	Henry M. Stanley	Mde. Caroline Kuster	Ophelia	Triumph de Luxem-
Archduke Charles	Carmine Pillar	Homer	Mde. Margottin	Purple China	burg
America	Cary	Isabella Sprunt	Mde. Pauline Labonte	Pink Soupert	Viscountess Wautier
Alister Stella Gray	Chas. Rovolli	Joseph Metral	Mde. Damaizin	Princess Hohenzollern	Virginia
Bon Silene	Coquette de Lyon	Jule Finger	Mde. Jure	Pink Rambler	White Rambler
Bridesmaid	Comtesse Riza du Parc	James Sprunt	Mde. de St. Joseph	Queens Scarlet	White Bon Silene
Beauty of Stapleford	Dr. Reymont	La Princess Vera	Mde. Alfred Carriere	Queen of Prairies	White Daily
Beauty of Greenmount	Dr. Grill	La Sylphide	Marie Drevon	Russell's Cottage	Yellow Rambler
Bougere	Duchess de Brabant	Louis Phillippe	Marie Guillott	Reine Olga de Wur-	
Baltimore Belle	Duchess de Thuringe	Louis Richard	Maurice Rouvier	temburg	
Bennett's Seedling	Ernst Metz	Lucullus	Marechal Robert	Safrano	

....NEWER ROSES....

	Price per Doz.	Per 100		Price per Doz.	Per 100		Price per Doz.	Per 100
Bladud	\$1.25	\$10.00	Climbing Wootton	\$0.75	\$ 5.00	Mrs. Robert Peary (or Climbing		
Baldwin	1.25	10.00	Coronet	1.00	8.00	Kaiserin)	\$0.75	\$ 5.00
Bardou Job	.75	5.00	Ferdinand Jamain	1.00	8.00	Maid of Honor	.75	6.00
Climbing Bridesmaid	1.40	8.00	Gruss an Teplitz	1.25	10.00	Preciosa	.75	5.00
Climbing Paul Neyron	.75	5.00	Helene (The New Rambler)	.75	6.00	Princess of Wales	1.25	10.00

Hybrid Perpetual Roses

in 20 leading sorts, \$3.50 per 100, \$30.00 per 1000,
50 cents per dozen.

Memorial or Wichuraiana Roses.

Price 50c per doz., \$3.00 per 100, \$25.00 per 1000.

Manda's Triumph, Pink Roamer,
Universal Favorite, Mrs. Lovett,
South Orange Perfection, Rosa Wichuraiana.

Manda's Evergreen Memorial Roses.

	Per doz.	Per 100
Jersey Beauty	\$1.50	\$10.00
Gardenia	2.00	15.00
Evergreen Gem	1.50	10.00

WE ALSO OFFER CHOICE STOCK OF THE FOLLOWING PLANTS:

	Per doz.	Per 100		Per doz.	Per 100		Per doz.	Per 100
Abutilon, 6 sorts	\$0.40	\$3.50	Calla Lilies, strong bulbs	\$1.00	\$8.50	Heliotrope, best varieties	\$0.30	\$2.00
Alternanthera, 2 sorts	.30	2.00	Smaller size, but blooming bulbs	.50	3.50	Honeysuckles, best kinds	.40	2.50
Aloysia (Lemon Verbena)	.30	2.00	Cyperus Alternifolius	.30	2.00	Jasmine, all leading kinds	.50	3.50
Araucaria Excelsa, 4 to 6 tiers of			Chrysanthemums, best sorts	.30	2.00	Marquise Daisies, white, yellow		
leaves, \$1.00 each	10.00		Carnations, leading kinds	.40	2.50	and blue	.35	2.00
Amaryllis, Johnson & Belladonna	2.50		Camellias, 20 inches high, bushy			Moon Flowers, white and blue	.40	3.00
Alyssum, double sweet	.30	2.00	plants, all colors	6.00		Oleanders, 4 colors	.50	4.00
Achania Malvaviscus	.30	2.00	Cannas, in 10 leading varieties	.50	4.00	Otaheite Orange, 2 1/2-in. pots	.40	2.50
Agatha Celestis, the Blue Marguer-			Carex Japonica Variegata	.40	2.50	Plumbagoes, several varieties	.50	4.00
ite	.35	2.50	Cestrum, Night Blooming Jasmine	.40	2.50	Pittosporum Tobira, 4-in., fine plants	1.25	
Asparagus Sprengerii	.40	2.50	Cyclamen Persicum	.40	2.50	Pinks, hardy garden varieties	.40	2.50
Asparagus Plumosus Nanus	.50	4.00	Clematis, large flowering, 3 sorts	4.00		Swainsona, 2 sorts, white and pink	.35	2.50
Apple Geranium	.50	3.50	Dracaena Indivisa, 2 1/2-in. pots	.50	3.50	Selaginella Emelliana	.50	3.50
Antigonon Leptopus	.50	3.00	Ficus Elastica Belgica, 12 in. high	3.00	22.50	Salvia, several varieties	.40	2.50
Begonia Rex, fine assortment	.50	4.00	Fuschias, all the best varieties	.40	2.00	Strobilanthes, royal purple	.40	3.00
Begonia, Flowering, best sorts	.50	3.50	Ferns, Compacta, Exaltata and			Smilax, fine young stuff	.30	2.00
Baby Primrose, new	.40	2.50	Climbing	.50	3.50	Thunbergia, 2 kinds, white and blue	.35	2.50
Caladium Esculentum, extra fine			Fern Balls, Japanese	.50c each		Vincas, 3-in. pots	.75	5.00
bulbs	.75	6.00	Genista Canariensis, fine plants	.40	2.50	Verbenas, choice sorts	.30	2.00
Smaller size, but fine bulbs	.50	3.50	Geraniums, leading sorts, double			Violets, leading kinds	.40	3.00
Coleus, choice bedders	.35	2.00	and single	.50	3.50			
Crotons, fine collection	.50	3.50	Hibiscus, 10 varieties	.35	2.50			

Our wholesale catalogue is now ready, and will be mailed to all applicants. Write for it as our prices will be sure to interest you. It contains all kinds of Plants, Bulbs, Roses, etc.

Largest Rose
Growers in the World.

GOOD & REESE CO. SPRINGFIELD, OHIO.

Mention The Review when you write.

OCEANIC, N. J.

A very well attended meeting of the Monmouth County Horticultural Society was held in Redmen's Hall, Oceanic, N. J., President Hettel in the chair.

Fred Nielson was nominated and Mrs. V. A. Segler elected for membership.

Dr. W. S. Wittmore, De Witt Williams and N. Butterback were appointed to have the society incorporated at once.

The treasurer was instructed to take some stock in the State Mutual Building and Loan Association.

Dr. Wittmore delivered one of his great speeches, and here it can be said that this society is very fortunate to have as members such men as Dr. Wittmore, Rev. Dr. Kneipe, Professor Walling, De Witt Williams, and many others. There is never any lack of entertaining and instructive matters. The president read a paper on adiantum culture, which was very instructive and listened to with great interest.

Premium schedules for the grand horticultural exhibition of the S. A. F. convention were distributed to the members.

B.

WASHINGTON.

The boys all around are busy moving blooming plants around and trying to make ends meet. Lilies seem plentiful, and from all indications bulbous stock will be a glut. Several of our largest growers will almost entirely quit growing Dutch bulbs. Roses as well as blooming plants will be plentiful.

A. Gude & Bro. are cutting some extra fine Beauties, the finest ever grown in this section, the stems averaging from 4 to 6 feet.

The average quotations for Easter will be: Teas, 12½ to 15 cents; carnations, 3 to 4 cents; Beauties, 50 cents to \$1; Easter and calla lilies, 12½ cents, cut or in pots; tulips, 2 to 3 cents; jonquils, single 50 cents per 100, doubles 3 cents; mignonette, 3 to 4 cents; smilax, 20 cents.

Prospects for a good Easter trade seem to be better than ever.

F. W. O. Schmitz, of Jersey City, N. J., was among the callers this week.

F. H. KRAMER.

WAUSAU, WIS.—M. Philipps reports that trade has been booming in his part of the country and that the prospects are good for a big Easter trade.

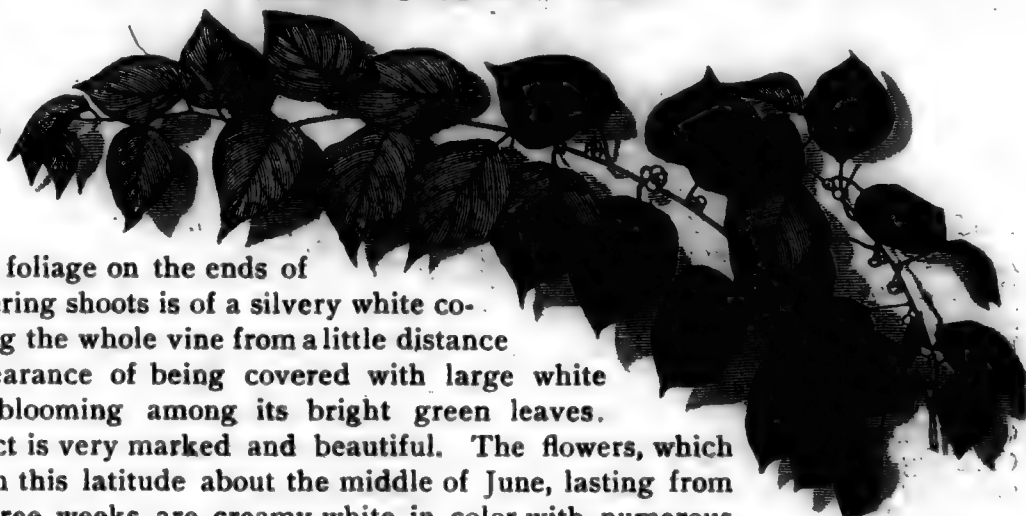
PLATTSMOUTH, NEB.—The wife of W. J. Hesser, the florist, died April 1, after a ten weeks' illness. Mr. Hesser has the sympathy of all in the loss of one who had been a loving companion for over forty-six years.

CAMBRIDGE, MASS.—Jas. M. Tuohy has opened a florist's store at 1154 Cambridge street.

SILVER-SWEET VINE.

(Aotiniidia polygama.) TRUE.

A new, hardy climber of remarkable beauty from Japan.



The foliage on the ends of the flowering shoots is of a silvery white color, giving the whole vine from a little distance the appearance of being covered with large white flowers blooming among its bright green leaves. The effect is very marked and beautiful. The flowers, which appear in this latitude about the middle of June, lasting from two to three weeks, are creamy white in color with numerous stamens with bright yellow anthers, and resembles the lily of the valley in fragrance.

Offered in two sizes, \$1.50 and \$1.00. Send for circular.

J. W. CLARK, NORTH HADLEY, MASS.

Mention The Review when you write.

ROSES, BEDDING PLANTS, etc.

	Per 100
Hybrid Roses, best varieties of assorted colors	\$4.00
Monthly Roses, best kinds	3.00
Climbing Roses, assorted colors and var.	3.00
Geraniums, best kinds, 3-inch, \$3.00; 4-inch	6.00
Verbenas, assorted	2.50
Alternanthera, Aurea Nana and P. Major	2.50
Coleus, assorted	2.50
Dahlia, dry roots, assorted	5.00
Carnations, good kinds	\$3.00 to 5.00
Asters, assorted, finest varieties	1.50
Hydrangeas, ass't'd, 2½ and 3-in., \$4.00; 4-in.	10.00
Farugium Grande, 2½-in., \$8.00; 3-in.	10.00
Genista Racemosus, 3-inch	6.00
Feverfew—Little Gem	3.00
Hibiscus, single and double	4.00
Fuschias, assorted	3.00
Heliotrope, assorted	3.00
Chrysanthemums, assorted	3.00
Sword Ferns, 2½-in., \$4.00; 3-in., \$7.00; 4-in.	10.00
Asparagus P. Nanus, 2-inch, \$5.00; 3-inch	8.00
4-inch	15.00
Pteris and Selaginella, 3-inch	\$3.00 and 6.00
Adiantum Cuneatum, 3-inch, \$6.00; 4-inch	8.00
Cannas, 3 and 4-inch	4.00
Alyssum—Double Tom Thumb	3.00

Write for complete list of plants with varieties. Also Tree and Plant Labels, Mailing and Express Boxes, and a general line of Florists' Supplies.

WILLIAMS & SONS CO., BATAVIA, ILL.

Mention The Review when you write.

NOW READY. New Pink Chrysanthemum

MISS FLORENCE E. DENZER.

Certificated by the C. S. A., Dec. 21, '99.

The latest Mum. Blooms for Christmas. See cut in Florists' Review of Dec. 21, 1899. Rooted cuttings, \$8 per 100; from 2½-in. pots, \$10 per 100.

A. C. ZVOLANEK, Summit Av., West Hoboken, N. J.

Mention The Review when you write.

NEW SHELLBARK --- HICKORY NUT
"Hornor's Special."

RARE EVERGREEN TREES.
200,000 HANDSOME SHADE TREES, and
Meech's Prolific Quince, at greatly reduced prices.
Catalogue free.

CHAS. B. HORNOR & SON, Mt. Holly, N. J.

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Always mention the Florists' Review when writing advertisers.

VINCA
MAJOR VARIEGATA

From 2½-inch pots.
Strong. 8 to 12 inches long.

If shifted now will make fine stock by the middle of May. Order at once and secure the best.

\$3.00 per 100, \$25.00 per 1000.

Nathan Smith & Son, Adrian, Mich.

Mention The Review when you write.

300,000 VERBENAS....

60 finest named varieties, including our new mammoth white, Mrs. McKinley, the finest white Verbena grown.

PERFECTLY HEALTHY. FREE FROM RUST.

Rooted Cuttings 60c per 100, \$5.00 per 1000.

Plants \$2.50 per 100, \$20.00 per 1000.

Our list is the choice from millions of seedlings. Send for list.

J. L. DILLON, Bloomsburg, Pa.

Mention The Review when you write.

CARNATIONS.

BEST NEW AND STANDARD VARIETIES.
Write for catalogue and prices.

W. P. PEACOCK, ATCO, N. J.

Mention The Review when you write.

Money Making CARNATIONS..

	Per 100	Per 1000
Flora Hill, White, Money Maker	\$2.00	\$15.00
Daybreak, Light Pink, Money Maker	2.00	15.00
Wm. Scott, Clear Pink, Money Maker	1.00	8.00

Send for complete list.

12 Novelties of 1900. 27 Best Standard Varieties.

GEO. HANCOCK & SON, Grand Haven, Mich.

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Genevieve Lord The Peer of All Light Pink Carnations.

Speaking from a dollar and cent standpoint the above is literally true. There may be some larger, but when put to the test of an exacting commercial fire, none will stand the test and bring in the returns like Genevieve Lord. Its color is the kind that sells at sight. Stem the best of any carnation. A perfect, non-bursting calyx. Beautiful distinct form. In fact it has nearly everything that is wanted in a pink carnation. Customers recognize it at a glance, describing it as "that beautiful pink on the long stem."

Prompt delivery after April 10th. Stock all sold prior to that date.

PRICES: Doz., \$2.00; 100, \$10.00; 1000, \$75.00

Catalogue free to all applicants, containing complete description of the above as well as all the big new ones, at introducers' prices; the best of last year's novelties and standard sorts, also a fine stock of new and standard sorts of chrysanthemums.

H. WEBER & SONS, - - OAKLAND, MD.

Mention The Review when you write.

Carnations

**STRONG
WELL-ROOTED CUTTINGS.
SELECT STOCK.**

	Per 100	Per 1000
G. H. Crane.....	\$6.00	\$50.00
Morning Glory	6.00	50.00
Gen. Maceo	6.00	50.00
Glacier	6.00	50.00
America	5.00	40.00
Gomez	5.00	40.00
Mrs. Geo. M. Bradt.....	5.00	40.00
White Cloud	4.00	30.00
Mary Wood.....	3.00	25.00
Mrs. F. Joost.....	3.00	25.00

AND OTHER STANDARD SORTS.

FIVE 1900 NOVELTIES

	Per 100	Per 1000
Mrs. Thos. Lawson	\$14.00	\$120.00
Ethel Crocker	10.00	75.00
Marquis	10.00	75.00
Olympia	12.00	100.00
Genevieve Lord	10.00	75.00

Send for descriptive price list.

F. DORNER & SONS CO.,

LA FAYETTE, IND.

Mention The Review when you write.

Chicago Carnation Co.

**CARNATION
SPECIALISTS,**

JOLIET, ILL.

Mention The Review when you write.

CARNATIONS. STRONG ROOTED CUTTINGS.

Wm. Scott, pink, per 100, 75 cts.;
per 1000..... \$6.00

CASH PLEASE.

JOHN R. SCHREINER, Lancaster, Pa.

Mention The Review when you write.

COLEUS. ROOTED CUTTINGS.

Verschaffeltii, Golden
Queen; assorted kinds,
usual prices. **L. H. FOSTER, 45 King
Street, Dorchester, Mass.**

Always mention the Florists' Review when
writing advertisers.

ELM CITY A Grand New White....

Carnation

Seedling of Lizzie McGowan
and Mme. Diaz Albertini,
in its fifth year.

The flowers are large, finely shaped and of strong fragrance. Petals are heavy, of good substance and nicely fringed. Calyx is very strong, after the style of Mme. Albertini, and none bursting; the stem strong, holding the flower erect. The plant is a good grower and free bloomer, not subject to stem rot or any disease. **Rooted Cuttings \$1.50 per doz., \$10 per 100, or \$70 per 1000.** Cash with order. We shall prepay the express where money accompanies the order. Orders filled in rotation.

M. E. KRAUS, 320 Davenport Ave., NEW HAVEN, CONN.

Mention The Review when you write.

ETHEL CROCKER..

Absolutely the finest
PINK CARNATION.....
ever offered the trade.

It has been in full bloom since September 15th without any stop, it is in full bloom to-day and as full of buds as many varieties that do not bloom until about this time.

It is a good, strong grower and plants procured any time in April will give you good results next winter.

25 for \$2.50; 100 for \$10.00;
250 for \$18.75; 1000 for \$75.00.

ALBERT M. HERR,
LANCASTER, PA.

Mention The Review when you write.

Sandusky!

The best all-round Variegated Carnation.
Try it and be convinced. Rooted cuttings
\$5.00 per 100.

W. E. HALL, - CLYDE, OHIO.

Always mention the Florists' Review when
writing advertisers.

PERPETUAL BLOOMING HYBRID

CARNATIONS

Crossings between
MARGUERITE AND REMONTANT.

They are what we can recommend as truly Summer flowering varieties, beginning to bloom in the field in July and continue until frost sets in. Flowers medium size, growth very rapid.

Can offer them in 10 varieties, in as many different colors, well established plants, at \$5.00 per 100 by express, or the set of 10 varieties R. C. for 50c by mail. **ETHEL CROCKER**, the best Pink Carnation, well established plants, from 2½-inch pots, \$10.00 per 100; R. C., \$8.00 per 100.

**C. EISELE, 11th and Jefferson Sts.
PHILADELPHIA, PA.**

Mention The Review when you write.

Carnation Cuttings...

NOW READY.

Jubilee, White Cloud, Daybreak, Flora Hill and other standard varieties. Write for prices. We control the original stock of **MME. CHAPMAN** the Grand Rapids pink sport of D. B.

CRABB & HUNTER, Grand Rapids, Mich.

Mention The Review when you write.

NEW CROP WINTER BLOOMING CARNATION SEEDS.....

Hand Fertilized. 25 cents per 100.

CASH WITH ORDER.

AMERICAN ROSE COMPANY,
WASHINGTON, D. C.

Mention The Review when you write.

CLASSIFIED PLANT ADVERTISEMENTS.

Rate for advertisements under this head, 10 cents a line net, per insertion. New ads. and changes must reach us by Wednesday morning at latest to secure proper classification in issue of Thursday.

ABUTILON.

Abutilon Savitzii, 2-in., 75c per doz.; \$6.00 per 100. S. T. Danley, Macomb, Ill.

Abutilon, var., trailing, 2½-in., \$4.00 per 100. Greene & Underhill, Watertown, N. Y.

Six sorts, doz., 40c; 100, \$2.50. Good & Reese Co., Springfield, O.

Abutilon, mixed, 2½-in., \$2.00 per 100. Morris Floral Co., Morris, Ill.

ACALYPHA.

Acalypha Sanderi, strong 3-in., well hardened plants, \$1.25 per doz.; \$10.00 per 100. Cottage Gardens, Queens, N. Y.

Acalyphas, Mosaica and Marginata, \$3.00 per 100. Dickerson & Belden, Miami, Fla.

ACHYRANTHES.

Achyranthes, rooted cuttings, \$1.00 per 100. Greene & Underhill, Watertown, N. Y.

"The Classified Ads. bring big returns" is the verdict of the advertisers.

AGERATUM.

Ageratum, white and blue, rooted cuttings, 75c; flats, \$1.00; 2 and 2½-in., \$1.50 per 100. Cash. Chas. S. Dutton, Holland, Mich.

R. C., blue and white, \$1.00 per 100; Princess Pauline, \$1.25 per 100. Greene & Underhill, Watertown, N. Y.

Princess Pauline and Tapis Blue, 2-inch, \$2.00 per 100. Cash. C. P. Dieterich & Bro., Maysville, Ky.

Ageratum Princess Pauline, the only one to grow. Extra strong, 2½-in., \$2.50 per 100. South Side Floral Co., Springfield, Ill.

Cope's Pet, blue; Lady Isabel, white, 60c per 100; \$5.00 per 1000. C. Humfeld, Clay Center, Kan.

Ageratums, white, blue and Pauline, 70c per 100. Express paid. S. D. Brant, Clay Center, Kan.

Ageratum rooted cuttings, Princess Pauline, true, 20c per doz.; \$1.00 per 100. S. T. Danley, Macomb, Ill.

Ageratum, 3 varieties, 2-in., \$2.00 per 100. Jos. H. Cunningham, Delaware, O.

ALTERNANTHERA.

1000 Alternanthera Paronychioides Major, red; 1000 yellow, from flats, struck last September. They are strong, healthy plants, 75c per 100. Cash with order. J. F. Brown, Florist, Lock Box 5, Knightstown, Ind.

R. C., red and yellow, 60c per 100; \$5.00 per 1000; summer struck, \$1.00 per 100; \$9.00 per 1000. Greene & Underhill, Watertown, N. Y.

Alternantheras, Aurea nana and P. major, \$2.50 per 100. Williams & Sons Co., Batavia, Ill.

Rooted cuttings August struck. Aurea Nana, 60 cts. per 100; \$5.00 per 1000 prepaid. G. W. WEATHERBY, Chillicothe, Mo.

Alternantheras, fine, stocky plants, yellow, \$1.75; red, \$2.00 per 100. Cash. Jos. H. Cunningham, Delaware, O.

Alternantheras, red and yellow, \$3.00 per 1000, bushy plants, 2000 for \$5.00. Dickerson & Belden, Miami, Fla.

10,000 alternantheras; red and large leaved, 2½-in., \$1.50 per 100. Morris Floral Co., Morris, Ill.

Alternantheras, red and yellow, 50c per 100; \$4.00 per 1000. C. Otto Schwabe, Jenkintown, Pa.

Alternanthera plants, 50c per 100. Cash please. Theo. Fuhr, Box 612, Alliance, Ohio.

Two sorts, doz., 30c; 100, \$2.00. Good & Reese Co., Springfield, O.

Alternantheras, send for trade list. D. K. Herr, Lancaster, Pa.

ALYSSUM.

Double Alyssum, rooted cuttings, \$1.00; flats, \$1.50; 2½-in., \$2.00 per 100. Cash. Chas. S. Dutton, Holland, Mich.

Double white, strong, 2½-in., \$3; cuttings, 60c per 100. A. G. Fehr, Belleville, Ill.

Double giant, \$1.00 per 100. Greene & Underhill, Watertown, N. Y.

Alyssum, strong 2-in., 2c. South Side Floral Co., Springfield, Ill.

Large, double, 2-inch, \$2.00 per 100. Cash. C. P. Dieterich & Bro., Maysville, Ky.

R. C. sweet alyssum, \$1.00 per 100. Mrs. F. W. Poore, Haverhill, Mass.

Alyssum, Double Tom Thumb, \$3.00 per 100. Williams & Sons Co., Batavia, Ill.

Alyssum, double giant, \$1.00 per 100. C. Otto Schwabe, Jenkintown, Pa.

Little Gem, from seed bed; 100, 25c. Jerome Harley, Media, Del. Co., Pa.

Alyssum, \$1.00 per 100. Express paid. S. D. Brant, Clay Center, Kan.

ANTHERICUM.

3-in., \$6.00 per 100. Greene & Underhill, Watertown, N. Y.

AQUATIC PLANTS.

We are headquarters for water lilies and aquatic plants of all kinds. Henry Dreer, 714 Chestnut St., Phila., Pa.

ARAUCARIAS.

Araucaria excelsa, 2½-in. pots, 2 to 3 tiers, \$16.00 per 100; 3-in. pots, 6 to 8 in., 3 tiers, \$20.00 per 100. F. Ludemann, Pacific Nursery, San Francisco, Cal.

ASPARAGUS.

Sprengerl, 2½-inch, extra strong, \$5.00 per 100; 3-inch, extra strong, \$7.00 per 100; 4-inch, very fine, \$1.75 per doz.; 5-inch, very fine, \$2.50 per doz. Our Sprengerl are extra heavy stock with sprays a foot or more in length and should not be compared with young stock usually sent out. The Calla Greenhouses, Calla, O.

Asparagus plumosus nanus, strong, bushy plants, 6 to 9-in. high, 2½-in. pots, \$8.00 per 100. Cash. Robert Mann, 1258 So. Wash. Ave., Lansing, Mich.

Asparagus plumosus nanus, 2-in., \$5.00; 3-in., \$8.00; 4-in., \$15.00. Williams & Sons Co., Batavia, Ill.

Sprengerl, doz., 40c; 100, \$2.50. Plumosus nanus, doz., 50c; 100, \$4.00. Good & Reese Co., Springfield, O.

Sprengerl, 6-in., 35c; 10-in. baskets, \$1.00. Plumosus nanus, 3-in., \$8 per 100. A. G. Fehr, Belleville, Ill.

Asparagus Sprengerl, strong 2-in. stock, \$4.00 per 100. Cottage Gardens, Queens, N. Y.

Sprengerl, 2½-in., \$3.50 per 100; \$30.00 per 1000. John A. Doyle Co., Springfield, O.

Asparagus Sprengerl, May 1, \$4.00 per 100. Cash. Jos. H. Cunningham, Delaware, O.

AZALEAS.

Azalea Mollis, dwarf, very large, heavily budded, \$35 and \$45 per 100. Standards, extra fine, heavily budded, \$75 per 100. Azalea Pontica, true to name, heavy plants, well budded, \$45 per 100. F. W. O. Schmitz, Jersey City, N. J.

Azalea Amoena, one of the choicest hardy, dwarf shrubs. Rooted cuttings, \$4.00 per 100 by mail; \$25.00 per 1000. From thumb pots, \$5.00 per 100; 3½-in. pots, \$12.00 per 100. Samuel C. Moon, Morrisville, Bucks Co., Pa.

The Florists' Manual, by William Scott, is a whole Library on Commercial Floriculture. Send in your order now. Florists' Pub. Co., Chicago.

BEGONIAS.

Begonia, Gloire de Lorraine. Orders booked now for June and July delivery. Plants from 2½-inch pots, \$17.50 per 100; \$140.00 per 1000. I have the largest stock of this valuable plant in this country. All home grown. Thomas Rowland, Nahant, Mass.

Begonia Caledonia, the white Lorraine. We are now booking orders for fall delivery. Plants from 3½-in. pots, \$5.00 each. R. & J. Farquhar & Co., 16 and 19 So. Market St., Boston, Mass.

Begonia tuberosus, single colors, separate. Per 100, English strain, \$3.50; Belgian, \$2.50. Double colors, separate, English strain, \$5.00; Belgian, \$4.00. Bobbink & Atkins, Rutherford, N. J.

Begonias, rooted cuttings, Erfordii, Rex, Inc. gigantia, \$2.00 per 100. Rex, assort., 2½-in., \$4.00; named, 2½-in., \$6.00; 4-in., \$10.00 per 100. Greene & Underhill, Watertown, N. Y.

Tuberous Rooted Begonias, extra selected, in separate colors, single, \$25 per 1000; \$3 per 100. Double, \$40 per 1000; \$5 per 100. F. W. O. Schmitz, Jersey City, N. J.

Begonias, 2000 each of Red Vernon, Pink Erfordl, Sandersonii, 2½-in., \$1.50 per 100. 5000, named, our selection, 2½-in., \$1.50 per 100. Morris Floral Co., Morris, Ill.

Begonia Rex, fine assortment, doz., 50c; 100, \$4.00. Best flowering sorts, doz., 50c; 100, \$3.50. Good & Reese Co., Springfield, O.

Erfordl Begonia, best begonia for market and bedding, always in bloom, \$3.00 per 100. McGregor Bros., Springfield, Ohio.

Begonias, Vernon, Bijou, Rosea and Alba, 2½-in., \$2.00 per 100; 4-in. pots, \$5.00 per 100. C. G. Nanz, Owensboro, Ky.

Begonia, Double Vernon, 75 cts. per doz.; \$5.00 per 100. Ellis Bros., Keene, N. H.

Begonia Vernon, \$1.50 per 100. Samuel Whitton, 15-17 Gray av., Utica, N. Y.

Begonias, 2½-in., \$2.50 per 100. S. D. Brant, Clay Center, Kan.

Begonias, send for trade list. D. K. Herr, Lancaster, Pa.

BULBS.

Just received. Fine stock of the following bulbs:

	Per Dozen.	Per 100.
Caladium Esculentum, 5 to 7-in. cir.	\$.50	\$ 3.00
Caladium Esculentum, 7 to 9-in. cir.	.75	4.50
Caladium Esculentum, 9 to 12-in. cir.	1.15	8.00
Caladium Esculentum, 12-in. and up.	2.00	15.00

Tuberose, Excelsior Pearl, 1st class, \$1.00 \$7.50

Tuberose, Excelsior Pearl, medium, .75 5.00

Send us your orders now. We also have complete stocks of Gladiolus, Cannas, Lilies, and all spring bulbs. McKellar & Winterson, 45-47-49 Wabash Ave., Chicago.

Lily of the Valley. Still left, several thousand Al pips at reduced prices. Also orders taken for fall delivery at C. Woelk's, Newell Ave., Williamsbridge, N. Y., or direct from grower, Mr. Heilige, Ludwigslust, Mecklenburg, Germany. Samples and prices on application to Chas. Woelk, Newell ave., near Elizabeth st., Williamsbridge, New York City.

We are the sole agents, for the U. S. and Canada, for the largest grower of new and leading varieties of bulbs in Holland. Also French grown Romans and paper narcissus, Bermuda and California lilies. Write for illustrated catalogue. F. S. Peer, Mt. Morris, N. Y.

Bulbs, postpaid, per 100: Amaryllis Formosissima, \$3.00; Bessera Elegans, large bulbs, \$1.50; Milla Biflora, large bulbs, \$1.50; Tigridias, assorted, \$2.00; Zephyranthes, assorted, \$2.00. Remit by express money order. J. A. McDowell, Apartado 167, City of Mexico.

Send for our quotations on Roman hyacinths, Lilliums Harrisii and Longiflorum, etc., etc. We are large importers of high class bulbs. J. M. Thorburn & Co., 36 Cortlandt st., New York.

PLEASE MENTION THE REVIEW WHEN WRITING ANY OF THESE ADVERTISERS.

Tuberose, 3 to 4 inch, should blossom this season, per 100, 60c; per 1000, \$4.50; 1½ to 3 in., per 1000, \$3.00; ¾ to 1½ in., per 1000, \$2.00. Cash. F. A. Bolles, Lawnwood, Brooklyn, N. Y.

Warnaar & Co., late van Heemstra & Co., and Jac. Wezelenburg. Headquarters for Hyacinths, Narcissus, Tulips. Sassenheim, Holland. Ask for U. S. references as to quality.

R. Van Der Schoot & Son, Wholesale Bulb Growers, Hillegom, Holland. Our bulb stocks, now covering an area of over 150 acres, are at present the largest in Holland. Est. 1830.

High grade Holland bulbs and roots. K. J. Kuyk, Hillegom, Holland. Ask now for quotations, care J. Ter Kulle, 33 Broadway, New York.

Tuberose, The Pearl, 4 to 6 inches in circumference, \$6.00 per 1000 net. Cash with order. Hulsebosch Bros., Englewood, N. J.

California grown bulbs. Send for our special trade list.

California Nursery Co., Niles, California.

Dahlia and canna bulbs, mixed, \$1.50 per 100. Cash with order.

Mrs. F. W. Poore, Haverhill, Mass.

Bulbs and Plants for Fall and Spring delivery. C. H. Joosten, Importer, 85 Dey St., N. Y.

CACTI.

Over 100 varieties in stock. Florists' sample collection of 30 distinct plants, \$3.00. Old Man cactus, 5 to 6 inches high, \$4.00 per doz. Send remittance in express money order. Price list free to the trade. J. A. McDowell, Apartado 167, City of Mexico.

Sixty-three different kinds of cacti. Prices reasonable. Send for list. H. A. Kezer, 408½ San Antonio st., El Paso, Tex.

Cacti and cacti seed, send for price. W. Tell, Austin, Tex.

CALADIUMS.

A few thousand fancy leaved Caladium at less than real value. Among the above are some fine Brazilian varieties and very choice other kinds of all shades, named, and some under number. Address for particulars. F. J. Ulbricht, Lock Box 655, Anniston, Ala.

Caladiums, fancy named sorts, extra large, bulbs 1½ to 2½ inches, \$2.50 per 10; \$20.00 per 100. Bulbs 1 to 1½ inches, \$1.50 per 10; \$12.00 per 100. P. J. Berckmans Co., Augusta, Ga.

CANNAS.

Cannas, strong, dormant and the best. Florence Vaughan, Alphonse Bouvier, Queen Charlotte, Chas. Henderson, each, \$3.00 per 100. Alsace, white, 5c. Cash please. Benj. Connell, West Grove, Pa.

The 3 best solid red: Black Prince, \$10.00 per 100; Philadelphia, Duke of Marlborough, \$4.00 per 100.

The Conard & Jones Co., West Grove, Pa.

Cannas, only the best varieties, mixed, 4-in., \$3.00 per 100; \$25.00 per 1000.

C. Otto Schwabe, Jenkintown, Pa.

Cannas, Austria, Queen Charlotte, Crozy, etc., pot plants, strong, \$4.00 per 100. McGregor Bros., Springfield, Ohio.

Mme. Crozy, Austria, Florence Vaughan, Queen Charlotte and Henderson, \$1.50 per 100. J. D. Hooper, Richmond, Va.

Austria, \$2.00 per 100. Beach Nursery, 2310 Ave. Q, Galveston, Tex.

Dormant cannas, for a bargain write W. W. Coles, Kokomo, Ind.

Cannas, 3 and 4-in., \$4.00 per 100.

Williams & Sons Co., Batavia, Ill.

C. Henderson and Austria, 1c.

W. B. Woodruff, Westfield, N. J.

CARNATIONS.

Carnations. The best of existing varieties. Maceo, Crane, Morning Glory, \$6.00 per 100; \$50.00 per 1000. Gomez, Bradt, Melba, \$5.00 per 100; \$40.00 per 1000. White Cloud, \$4.00 per 100; \$30.00 per 1000; Mrs. James Dean, New York, \$3.00 per 100; \$25.00 per 1000. Scott, McGowan, \$1.50 per 100; \$12.00 per 1000; Ethel Crocker, \$10 per 100; \$75 per 1000; Olympia, extra strong, from soil or pots, \$12.00 per 100. Genevieve Lord, extra strong, from soil or pots, \$10.00 per 100.

The Cottage Gardens, Queens, N. Y.

CARNATION CUTTINGS.	Per 100.	Per 1000.
G. H. Crane	5.00	50.00
America ..	3.00	25.00
Melba ..	3.00	25.00
Leslie Paul	3.00	25.00
Gov. Griggs	3.00	25.00
Mrs. Bradt	2.50	20.00
Frances Joost	2.50	20.00
Evanston ..	2.50	20.00
Jubilee ..	2.00	15.00
Gold Nugget	2.00	15.00
Flora Hill	1.50	12.50
Triumph ..	1.50	12.50
Victor ..	1.50	12.50
Daybreak ..	1.25	10.00
Argyle ..	1.25	10.00
Armazindy ..	1.25	10.00
McGowan ..	1.00	7.50
Pingree ..	1.00	7.50
Nivea ..	1.00	7.50
Evelina ..	1.00	7.50
Wm. Scott	1.00	7.50
Morello ..	1.00	7.50

All Plants and Cuttings sold with the express understanding that if not satisfactory they are to be returned at once, when money will be refunded. Write for prices on larger lots.

PETER REINBERG,
51 WABASH AVE., CHICAGO.

WELL ROOTED CUTTINGS.	Per 100.	Per 1000.
G. H. Crane	\$6.00	\$50.00
Morning Glory	6.00	50.00
Gen. Maceo	6.00	50.00
Glacier	6.00	50.00
America	5.00	40.00
Gomez	5.00	40.00
Mrs. Geo. M. Bradt	5.00	40.00
White Cloud	4.00	30.00
Mary Wood	3.00	25.00
Mrs. F. Joost	3.00	25.00

And other standard sorts.

FIVE 1900 NOVELTIES.

Mrs. Thomas Lawson	\$14.00	\$120.00
Ethel Crocker	10.00	75.00
Marquis	10.00	75.00
Olympia	12.00	100.00
Genevieve Lord	10.00	75.00

Send for descriptive price list.

F. DORNER & SONS CO.,
LAFAYETTE, IND.

Perpetual blooming hybrid carnations. Crossings between Marguerite and Remontant. They are what we can recommend as truly summer flowering varieties; they begin to bloom in the field in July and continue until frost sets in; flowers medium size, growth very rapid. Can offer them in 10 varieties, in as many different colors, at \$5.00 per 100, by express, from 2½-in. pots, or the set of 10 varieties, R. C., for 50 cents, by mail. Ethel Crocker, the best pink carnation, well established plants, from 2½-in. pots, \$10.00 per 100; R. C., \$5.00 per 100. C. Elsie, 11th and Jefferson sts., Phila., Pa.

Carnation cuttings. G. H. Crane, \$5.00 per 100; Evanston, \$2.50 per 100; \$20.00 per 1000. White Cloud, Triumph, Gold Nugget and Jubilee, \$2.00 per 100; \$15.00 per 1000. Flora Hill, Daybreak, Argyle and Armazindy, \$1.25 per 100; \$10.00 per 1000.

Mayor Pingree, Wm. Scott and Tidal Wave, \$1.00 per 100; \$7.50 per 1000. McGowan, 75c per 100; \$5.00 per 1000.

All rooted cuttings sold under the condition that if not satisfactory they are to be returned at once and money will be refunded. George Reinberg, 51 Wabash ave., Chicago.

Wm. Scott Carnation. Cuttings are going fast; every first order sent out has hatched another, so do not delay, but order at once, as they will not last long, at \$6.00 per 1000. Mrs. Joost, Melba, \$2.50 per 100; \$20.00 per 1000. Flora Hill, Daybreak, \$1.25 per 100; \$10.00 per 1000. General Maceo, \$4.00 per 100; \$35.00 per 1000. Victor, Mayor Pingree, \$1.00 per 100; \$9.00 per 1000. Jubilee, \$1.50 per 100; \$12.00 per 1000. Cash with order. Carl E. Taube, Trenton, N. J.

New Carnation—Alma. The most productive carnation we have. Rose Pink, new, \$5.00 per 100; \$40.00 per 1000. Daybreak, \$2.00 per 100; \$15.00 per 1000. Wm. Scott, Genesee, Evelina, Portia and Bon Ton, \$1.50 per 100; \$10.00 per 1000. Victor, \$1.50 per 100; \$12.00 per 1000. F. Hill, \$1.75 per 100; \$15.00 per 1000. White Cloud, \$2.50 per 100; \$20.00 per 1000. Jubilee, \$2.00 per 100; \$15.00 per 1000.

C. Merkel & Son, Mentor, O.

From 2½-inch pots.	100.	1000.
Lizzie McGowan	\$1.50	\$9.00
Mrs. James Dean	2.00	
John Young	2.00	
Triumph ..	2.00	
Jack Frost	2.00	
Wm. Scott	2.00	15.00
Elsie Akehurst	5.00	40.00

Cash with order, please.

C. Akehurst & Son, White Marsh, Md.

Ethel Crocker. Absolutely the best pink carnation ever offered the trade. It has been in full bloom since Sept. 15 without any stop. It is in full bloom to-day and as full of buds as many varieties that do not bloom until about this time. Plants procured any time in April will give good results next winter. 25 for \$2.50; 100 for \$10.00; 250 for \$18.75; 1000 for \$75.00. A. M. Herr, Lancaster, Pa.

ROOTED CARNATION CUTTINGS.

Ethel Crocker	\$10.00 per 100
The Marquis	10.00 per 100
G. H. Crane	5.00 per 100
White Cloud	2.50 per 100
Mrs. Joost	2.00 per 100
Victor	1.25 per 100
Daybreak	1.25 per 100

H. F. LITTLEFIELD, WORCESTER, MASS.

Elm City, a grand new white carnation, seedling of Lizzie McGowan and Albertini, in its fifth year. The plant is a good grower and free bloomer. Rooted cuttings, \$1.50 per doz.; \$10.00 per 100; \$70.00 per 1000. We prepay the express when money accompanies the order. M. E. Kraus, 320 Davenport ave., New Haven, Conn.

Carnations, strong cuttings from flats, John Young, Genesee, Melba, \$2.00 per 100; \$18.00 per 1000. Firefly, Jahn's Scarlet, F. Hill, Daybreak, Storm King, Armazindy, Keller, Albertini, \$1.50 per 100; \$13.00 per 1000. Scott, McGowan, Portia, \$1.25 per 100; \$10.00 per 1000. 250 at 1000 rate. Cash with order.

James E. Beach, Box 776, Bridgeport, Conn.

Big cut to make room; good, clean rooted cuttings, Peach Blow, Scott, Bridesmaid, Rose Queen, 75c per 100; \$6.00 per 1000. Flora Hill, Jubilee, Triumph, Kohinoor, \$1.50 per 100. Albertini, Armazindy, Emily Pierson, \$1.25 per 100; any of above from 2-in. pots, 50c more. Cash with order.

Logan Ave. Greenhouses, Danville, Ill.

Rooted cuttings, clean, cool grown stock. Freedom, Daybreak, Dana, Jahn's Scarlet, Mangold, \$1.50 per 100. Bon Ton, John Young, \$2.50 per 100. Gen. Gomez, \$4.50; and Maceo, \$6.00 per 100. Transplanted, 50c per 100 more. Cash please. W. G. Kraber, 35 Tremont St., New Bedford, Mass.

Strong, well-rooted plants from flats and soil. Wm. Scott, Eldorado, \$2 per 100; \$15 per 1000. Rose Queen, Thos. Cartledge, \$2.50 per 100; \$20 per 1000. McGowan, Mrs. Fisher, Portia, \$1.50 per 100; \$12 per 1000. Superior quality only. Cash with order.

W. T. & F. P. Butz, New Castle, Pa.

Scott and McGowan, \$1 per 100; \$6.00 per 1000. Daybreak, \$1.25 per 100; \$10.00 per 1000. Flora Hill, \$1.50 per 100; \$12.00 per 1000. Bon Ton, \$2.00 per 100; Gomez, 60 cts. per doz.; \$4.00 per 100. Joost, \$2.50 per 100. Cash.

Orange Floral Co., West Orange, N. J.

Genevieve Lord, the peer of all light pink carnations. Prompt delivery after April 10. Stock all sold prior to that date. Price, \$2.00 per doz.; \$10.00 per 100; \$75.00 per 1000. Write for catalogue giving full description.

H. Weber & Sons, Oakland, Md.

Carnation cuttings now ready. Jubilee, White Cloud, Daybreak, Flora Hill, and other standard varieties. We control the original stock of Mme. Chapman, the pink sport of Daybreak. Crabb & Hunter, Grand Rapids, Mich.

A fine lot of rooted cuttings of the following: Mayor Pingree, Bon Ton, Wellesley, Armazindy, Jubilee and Genesee, \$2.00 per 100. Buttercup (fine), \$3.00 per 100.

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Cuttings, strictly clean. Daybreak, \$2.00 per 100; Scott, \$1.50 per 100; Sandusky, \$2.00 per 100; Maud Adams, \$2.00 per 100; St. Clair, red, money maker, \$2.50 per 100.

A. G. Fehr, Belleville, Ill.

Rooted cuttings from fine stock. White Cloud, \$2.50 per 100; \$20.00 per 1000. Triumph, \$2.00 per 100; \$15.00 per 1000.

Carnation rooted cuttings. 3000 Flora Hills and 5000 Daybreaks, \$3.00 per 1000; 4000 Scotts, \$5.00 per 1000. Fred G. Lewis, 534 Locust St., Lockport, N. Y.

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CARNATIONS—Continued.

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Chrysanthemums, Mrs. H. Robinson, Glory of Pacific, Maud Dean, Arline, Eureka, Mrs. R. McArthur, Quito, Rose Owen and Yellow Monarch, 50c per doz.; \$3.00 per 100. Geo. S. Kalb and October Sunshine, 75c per doz.; \$4.00 per 100. Yellow Mme. Carnot, H. A. Parr, Mavourneen, Silver Wedding, Admiral Dewey, Pride, Willowbrook and Mrs. F. S. Button, 75c per doz.; \$5.00 per 100. King of Yellows, fine deep yellow, Bonnaffon form, \$2.50 per doz.; \$15.00 per 100. Cottage Gardens, Queens, N. Y.

Merry Monarch, Mrs. Bergmann, Evangeline, Mrs. Whildin, Modesto, Glory of Pacific, J. E. Lager, Mrs. Robinson, Niveus, Phoebus, Merry Christmas, Bonnaffon, Flora, Fl. Pullmann, Maud Dean, Pitcher & Manda, Midge, Pink and White Ivory, \$2.50 per 100; 12 Philadelphia and Pennsylvania gratis with each 100 ordered, 2-inch pots. J. G. Elsie, 20th and Ontario sts., Philadelphia, Pa.

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Chrysanthemums, only money making varieties, \$1.00 per 100; \$9.00 per 1000.

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Coleus, large leaved, strong growers and Corona, a sport from Golden Bedder, bright scarlet, a splendid one, \$1.00 per 100. Send for trade list. D. K. Herr, Lancaster, Pa.

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5-in. pots, a grand lot, doz., \$2.00; 100, \$15.00.

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All the best varieties, doz., 40c; 100, \$2.00.
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Single plants 75c each.
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ROSE CUTTINGS. Per. 100. Per. 1000.
Meteor \$1.50 \$12.50
Bridesmaid 1.50 12.50
Bride 1.50 12.50
Golden Gate 2.50

All Plants and Cuttings sold with the express understanding that if not satisfactory they are to be returned at once, when money will be refunded. Write for prices on larger lots.

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Brides, *Maids*, *Meteors* and *Perles*, 2 1/4-in., \$3.00 per 100. *Kalserin* and *Golden Gate*, 2 1/4-in., \$4.00. Guaranteed satisfactory in every respect.
South Side Floral Co., Springfield, Ill.

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Grafted roses, A No. 1 stock. Orders booked now. American Beauty, Carnot, Bride, Bridesmaid, Golden Gate, Kaiserin, 2½-in. pots, \$12.00 per 100; \$90.00 per 1000.

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First prize for 50 American Beauties at the American Rose Society Exhibition. Plants from 2x3-in. rose pots, \$6.00 per 100; \$50.00 per 1000. Joseph Heacock, Wyncote, Pa.

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The new rose, Winnie Davis, is the finest pink rose introduced in years. Write Nanz & Neuner, Louisville, Ky., for description and price.

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Violet Princess of Wales, the only violet to grow. Strong rooted cuttings, \$1.00 per 100.
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California Violet. Well rooted runners, 50 cts per 100, postpaid; \$3.50 per 1000, express.
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Standard Flower Pots of superior quality, in large or small quantities. Factory, Chaska, Minn. Address Greiner & Corning, 301 Pioneer Press bldg., St. Paul, Minn.

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We are headquarters for Sphagnum. Just received several carloads.

Per bale, \$1.00
Six bales, \$5.00.
Ten bales, \$7.50.
Write for prices on large quantities.
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We gather our moss and it is the best to be had. Bales, 4 1/2 feet long, 18 inches wide and 20 inches deep, weighing when well dried 40 lbs., 80 cents per bale; 10 bales, \$7.00. Green moss, \$1.00 per bbl.
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Sphagnum moss, 75c per bbl.
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Reed & Keller, 122 W. 25th St., New York, Manufacturers of Wire Designs.

BULLETIN NO. 1 of the American Rose Society has been issued. It contains a partial record of American-raised roses and articles upon forcing and garden roses, together with a list of the members of the society. It is edited by Leonard Barron, secretary, 136 Liberty street, New York.

SOCIETY OF AMERICAN FLORISTS.

Plant Registration.

Lager & Hurrell register *Cattleya Trianae* "Aurantiaea." Flowers very large, sepals and petals white, slightly suffused with palest lilac; lower part of petals thrown forward, upper parts gracefully reflexed; lower part of lip whitish lilac superposed by a large wedge-shaped blotch of very bright orange.

Cattleya Trianae, "Fairly Queen." Flowers of medium size, well balanced in all parts; sepals and petals pure white, the latter being slightly reflexed. Upper part or tube of lip white, the lower part light lilac extending to the edges.

The Floral Exchange, Inc., register new rose "The Queen of Edgely, The Pink American Beauty," originated at Edgely, Pa., fall of 1896. Color, light pink, similar to Bridesmaid; growth, habit, foliage, height, size and form identical with parent. The buds set more freely and the fragrance is somewhat sweeter.

WM. J. STEWART, Secretary.

NEWPORT, KY.—A local florist has recently received a number of bogus orders through the mails and has been occasioned some loss thereby. Fictitious addresses were given and several useless deliveries were made. As the flowers were not delivered and no money obtained, spite work is suspected.

RED WING, MINN.—K. B. Lovejoy, who has been doing market gardening on an extensive scale, has decided to go into seed raising.

CARMEL, ME.—Ernest Harvey, late of Freeport, is arranging to build greenhouses here.

WANT ADVERTISEMENTS.

Advertisements under this head 10 cents a line, an average of seven words to the line.

FOR RENT OR SALE—Commercial greenhouses (8,000 feet), with dwelling, near New York City. Rare chance for right man. M., P. O. Box 2817, New York City.

FOR SALE—At once—Four acres, two dwellings, barn, eleven greenhouses, 18,000 feet d. s. glass; in a thriving town of 20,000 inhabitants; good shipping trade and local market; \$3,000.00 cash, balance on time. Address E. Haentze, Fond du Lac, Wisconsin.

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FOR SALE—Four-inch cast iron greenhouse pipe, 5 feet lengths, F. O. B., 15c per foot; in good order. Indianapolis Flower and Plant Co., Indianapolis, Ind.

SITUATION WANTED—To take charge of commercial place, Illinois or Ohio preferred. Grower of roses, carnations, etc. Thoroughly competent and sober, age 32, single, wages \$30.00 per month and board. A reliable man in a good place. Address Reliable, care of Florists' Review.

WANTED—An experienced propagator as an assistant, must give good reference, \$40.00 per month for first year. Address at once Greene & Underhill, Watertown, N. Y.

SITUATION WANTED—As foreman in either private or commercial place. Best of references. Address C. J. R., care Florists' Review.

SEEDSMAN—Wanted a responsible and lucrative position by practical man controlling a good mail order trade, with some 50,000 live names. Capable as manager, buyer, salesman, or in any department of the business. Address Seedsman, Cape Vincent, N. Y.

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Plans for Gardens and Parks Drawn to Order, India ink or water color. Business advice in floriculture and horticulture. F. A. H., 500 33rd Avenue, Denver, Colo.

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Clematis Paniculata. 2 yrs. field grown, \$90.00 per M.

The **Wm. H. Moon Co.**
Morrisville, Pa.

CATSKILL, N. Y.—Business throughout the winter has been excellent; plenty of funeral work, and the demand for cut flowers has been heavy. Easter orders exceed last year, and the prospects are excellent for a good spring trade in bedding stock. Henry Hansen intends building another carnation house this summer.

MORRISON, ILL.—The greenhouses and barns of A. H. Foreman were recently destroyed by fire. Loss estimated at \$1,500.

COLUMBUS, O.

Trade has been very good this winter, with a noticeable increase in the demand for both cut flowers and blooming plants. Harrisii lilies will not be plentiful for Easter.

S. F. Stephens has a fine house of carnations about right for Easter. He is also cutting some first-class roses and has an increased supply of bedding plants for cemetery trade.

E. L. Charles reports an excellent demand, especially for funeral work. He recently donated a large casket bouquet for each of the six persons killed in the gasoline explosion.

Underwood Bros. have a fine range of greenhouses and their carnations are looking exceedingly well.

Some damage suits may grow out of the ejectment proceedings brought against Miss Hester Getz, the florist. She had appealed to the common pleas court, but there being some imperfection in the appeal bond, the writ was served and she was forcibly ejected, being somewhat roughly handled. Later the appeal bond was perfected and she was reinstated. A good deal of bad feeling has been developed and the end is not yet. G.

WASHINGTON, D. C.

At the funeral ceremonies over the remains of the late H. P. Godwin three of the finest floral designs ever seen in Washington were furnished by the American Rose Company. They comprised a massive crescent wreath six feet in diameter of bronze galax leaves with magnificent specimen Golden Gate roses and Easter lilies and a cluster of cycas leaves, and the same rose festooned with loopings of lace and taffeta ribbon in lilac and white; an anchor of galax and violets six feet high (both of these designs were mounted on easels), and a double cluster of the celebrated Madame Chatenay rose (the most exquisite shade of coppery pink) containing about 300 blossoms and tied with open work ribbon of the same shade.

MILWAUKEE.

Alexander Klokner, the well known florist, has been appointed superintendent of the city parks by the board of park commissioners. His salary was fixed at \$1,500 a year.

PARIS, ILL.—H. D. Caldwell & Co. have sold their establishment to J. A. Helfrich, who has for some years past been with the Hunt Floral Co. at Terre Haute, Ind. Mr. Helfrich will take charge of the greenhouses here on April 16.

LOGANSPOUT, IND.—J. A. Newby is adding a new house 13x70. Fire got a start in the boiler room at O. J. McCormick's recently, but was extinguished before any great damage was done.

MASSILON, O.—C. S. Manley lost all his plants by fire this winter. Only the boiler house and about ten feet of the greenhouses were burned, but the plants were destroyed.

"NICOMITE" (PATENT) Vapor Insecticide POWDER.

No labor required. Harmless to bloom and foliage. A certain killer of

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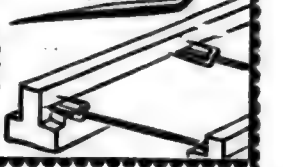
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G. L. GRANT, EDITOR AND MANAGER.

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520-535 Caxton Building, Chicago.

334 Dearborn Street.

Subscription, \$1.00 a year. To Europe, \$2.00. Subscriptions accepted from those in the trade only.

Advertising rates: Per inch, \$1.00; 1/4 page, \$13.50; full page, \$27.00. Discounts: 6 times, 5 per cent; 12 times, 10 per cent; 24 times, 20 per cent; 48 times, 30 per cent. Discounts allowed only on consecutive insertions. Only strictly trade advertising accepted. Advertisements must reach us by Tuesday to insure insertion in the issue of the following Thursday.

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RESIDENTIAL SITES and ENVIRONMENTS. By Joseph Forsyth Johnson. The knowledge to be gained from this book is of the greatest importance to florists, particularly where it relates to the laying out of grounds about country homes, both large and small. The author is a practical man and the contents of the book may be understood. Illustrated by over 50 plans and diagrams. Price postpaid, \$2.50.

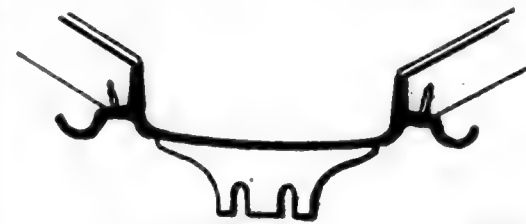
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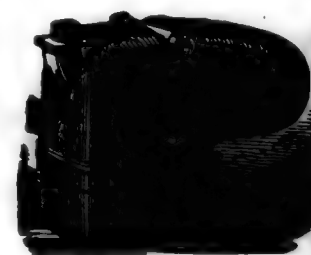
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Pleasant Hill, Mo.

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It is the best book of the kind ever published. There is more in it than in any other book I have ever seen. I am delighted with it.

Chicago. JOHN THORPE.

The copy of the "Florists' Manual" was duly received. I am very well pleased with same. The more I read it the better satisfied I am with it, and there are one or two articles alone in it that are each worth all you ask for the book, for everything is made so plain and all details are right to the point. I trust you may have a good and ready sale for the same.

M. S. WORDEN.

North Adams, Mass.

The only fault to be found with it is when you get reading it the midnight oil is liable to run low and you have to go on to gas or reluctantly break off, either going to bed or first taking a look over the houses to see if the temperature tallies with the Manual.

GEO. S. OSBORN.

Hartford, Conn.

We are in receipt of "The Florists' Manual" by Mr. Scott and may say it is the right book for the florist, published at the right time. It is what we all need.

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BENJAMIN HAMMOND.

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Am well pleased with the Manual. It is a practical, everyday helper, concise and to the point.

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After reading this book carefully, I am greatly pleased, and wish to congratulate you on the practical manner with which you have treated the subject.

This book is placed where it will be accessible to all of our greenhouse employes, where this board expects to reap a reward many times the cost of the book. Respectfully yours,

COMMISSIONERS OF PARKS AND BOULEVARDS,

R. J. CORYELL, Gen'l Sup't.

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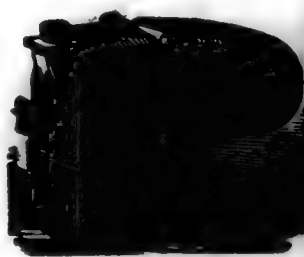
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FLORISTS' PUBLISHING CO., 520-535 Caxton Building, CHICAGO.

Vol. V.

CHICAGO AND NEW YORK, APRIL 19, 1900.

No. 125.



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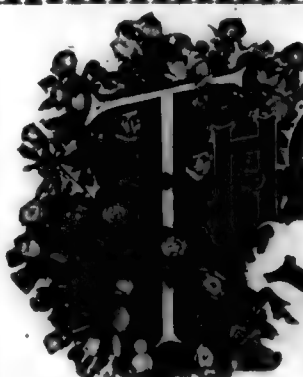
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**NOW
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The latest Mum. Blooms for Christmas. See
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cuttings, \$8 per 100; from 2 1/2 -in. pots, \$10 per 100.
A. C. ZVOLANEK, Summit Av., West Hoboken, N. J.

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Good Plants by express, \$2.50 per 500;
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THE RETAIL FLORIST

Wedding Bouquets.

Many florists will, during the next two months, be puzzled with the question, "What is the latest, or what would you recommend for a bride's bouquet?" And you know there is not a little dread in the preparing thoughts for your answer. No one likes the idea of losing an order, and few care to give information which may be used to your disadvantage by another. This is where the value of our Review comes in, for here we can talk to the crowd, and mind you we don't care how we talk, because we have no "boss" to consider.

We have many, many times complained about the weight of bouquets, and we refer to it here again, because we consider it of vital importance. You can make them up as fine as you can, use the most beautiful flowers, have them as large as you like, and get the biggest possible price for them, and still fail to please. Many of you know how your hand gets tired holding a bouquet whilst you are tying it up; few of you stop to think of the, in many cases, delicate girl who must carry it, through the greatest ordeal of her life, and if you will go to the church you will see that she carries it upside down, because she is not strong enough to hold it face up.

Of course, the bride rarely has anything to do with the ordering of her bouquet. If she had, they would be different. You deal with the bridegroom, and he, poor fellow, is willing to be overcharged and order some enormous bundle, rather than have it appear mean and small in anyone's eye at that special time. More often than not the bouquets are made by a different florist to the one having the decorations. They are often the cause of much jealousy and chagrin; but it must be admitted that they are generally ordered in a store for the sake of its reputation. We have seen the very worst bouquets—libels on floral art—come from the finest stores, and, to be fair, we would rather consider a poor florist's endeavor than a rich one's tag.

In "making up" it is necessary to use wire, but it should be used considerately; packing greens should be

short, light and strong, and one wire doubled is quite sufficient; that wire can be any number from 21 to 23; the same wire will do for most flowers. It is barbarous to run a strong wire through the bulb of any straight rose; strip the foliage off and then wire it on again like a collar to the flower; that method belongs to the past with its short stemmed roses. We leave the straight blooms and foliage natural, cut them off the desired lengths, put one wire on the bottom to lessen the size of the handle only. For the finish line or two it may be necessary to wire the head of the rose in order to conform them to the proper shape, and in doing this don't run the wire through the bulb and double it back again, thus making the stem appear more wire than aught else; just stick your wire straight up the bulb or calyx and twist it straight down, leaving the foliage natural.

In most bouquets it is necessary to use considerable packing to hold the flowers in place, though not quite as much as is generally used. Where one kind of flowers is adopted, care should be taken to hide greens which may detract from the flower; in fact, it is best to use the foliage belonging to the flower, and if that is not practicable, then only such as will enhance. In the case of roses, we always use shorter stemmed roses for the packing. In such a bouquet you must look all around it and through to see all its value. In most of the bouquets we see, every rose seems to say to the other, "I'm as good as you." They are arranged all the one height, smilax or asparagus is seen in bunches between them, and the whole has that Drum-head-cabbage look about it that speaks of the mechanic rather than the artist.

A light, dainty, loosely made bouquet can be a credit to you and a source of much pleasure to the recipient. It is not necessary to have either your bunch or its handle too long; no one has a fist a foot wide, and very few care to carry even a bunch of flowers which will hide everything. In the case of lily of the valley, we prefer its own foliage for packing greens, but only in moderation, four or five

flower spikes to two leaves, and they should be very low and the flowers at irregular heights. The finish is everything to most anything, and a fringe of fine fern will add much to most flowers. The handle should be very thin; put tinfoil on, then twist ribbon 'round it; a common pin stuck through will hold it in place. Tie the bow either well up under the bouquet, or in a loop bow at the bottom of the handle; in the latter case the same piece of ribbon must be used to entwine the handle with, commencing from the top and securing at bottom with a band of No. 1 ribbon.

Now, as to materials, almost anything can be had in spring and early summer, and though white is the most popular color, still it is not unusual for the American girl to break away from the conventional and have her own ideas rule. In this way we have recently made up brides' bouquets of colored flowers, and we would like to see the custom become popular, because white is too much of a dead color, especially for joyous festivities. With regard to ribbons, the very finest quality only should be used for this occasion, and in many cases lace scarfs are best. You must consider the fact that a girl's wedding dress is usually the effort of her life; most of them would make it of diamonds if they could; indeed, there is usually so much thought and preparation given to them that the effect of beauty is most often spoiled; yet the fact will remain that the material is either the richest the girl can afford or the mother will give. Now consider all this when ribboning your bouquet; don't use cheap stuff if the price will allow you to do otherwise, and you needn't put a bolt of ribbon on it, either.

Remember when you get a good big price for a bride's bouquet (and you can invariably get it), it does not require you to make it as big as a house. Put your value in quality and the "make up." You can put quantity in it, too, and even make it smaller and lighter. We have dwelt on this so long because we know the women of today are observant; and if the florists don't use more tact and judgment in this regard, it may become the style to dispense with wedding flowers altogether; it is even so now with many of the rich, though unpleasant or metallic kind of people.

Be careful regarding the delivery of this kind of work. A first-class house should have special bouquet boxes made so the bouquets can be put in a socket and stand up, instead of being knocked out of shape by being put sideways. Everything should be clean, and an intelligent man sent with them, for many girls don't know the right way to carry the bouquets, and the question is often referred to the florist. The ribbon bows should always be in front, the bride should carry hers in the left hand, the bridesmaids' left and right hands.

We will merely give you a few hints

on what is obtainable now, allowing yourself to elaborate on them. Orange blossoms are popular on account of the traditions surrounding them, yet most brides ask for them, not knowing their meaning. These blossoms are to be had now, are suitable for head spray, small round bouquet, spray bunch, or cluster with other flowers. Golden Gate roses are appropriate for California brides, but on account of their stiff, leafless stem are only suitable for the round hand bouquet. Trim with light Farleyense fern. Bride roses, with the pink tinge usually seen on them at this time of the year, are very good for cheap round bouquets; Kaiserins are sweeter, though, and we prefer them; they make a more graceful effect. Roses, remember, are only suitable for the round trimmed bouquet; when carried by the bride the leaves and thorns are apt to damage the dress if used in a loose bunch or spray. Valley with cluster of white orchids, stephanotis, orange blossoms, one or two fine roses, or a fringe of jessamine.

White sweet peas make up very prettily if cut long and arranged gracefully. They should never appear sodden. Use very pale pink or yellow for bridesmaids. Swainsona does well for cheap bunches. Some will insist on having Marguerites and they can be made to look extremely fine; use the large California variety; fringe with cuneatum or Asparagus tenuissimus.

White heather is good and appropriate for Scotch, and nothing will please an Irish girl better than lily of the valley trimmed with shamrocks.

White pansies or white violets can be made to look elegant, but it is necessary to put these flowers on wires singly, that is, stick a No. 36 wire into the back of the flower and twist 'round the stem; this will prevent the flower from hanging its head and will also allow you to make up irregular, which is necessary to show off the full beauty of small flowers.

No matter what flower the bride carries, the groom's boutonniere should be made of the same. In the case of

bridesmaids carry large loose bunches of fine roses across the alternate right and left arms. Dresses may be even trimmed with garlands of natural roses; in such a case very, very little foliage would be permissible. A shoulder strap of roses would be better than a sash ribbon; of course, the rose garland would be tied with a broad bow of ribbon. There's a hundred and one things to suggest if one takes time to think them out. Only encourage a greater use of flowers and less dry goods.

There are many flower girls who carry baskets of flowers before the bride to the altar, and these flowers come back to the house. That's entirely wrong; the flowers should be put in the basket loosely and scattered here and there on the floor as the girl walks before the bride from the church door to the altar or bench, or whatever it is they have in some churches or chapels. Educate the people to use flowers properly and with their full meaning and more will be used, giving pleasure alike to all.

IVERA.

EASTER WINDOW DECORATION.

We present herewith an engraving from a photograph of the Easter window decoration of Mr. Chas. A. Samuelson, Chicago. The photograph does scant justice to the beautiful display, as it is exceedingly difficult to secure a satisfactory photograph through a plate glass window. However, the picture will serve to make the description plainer:

The chariot at the right is of white and gold braid and is loosely filled with lilies. On the front of the chariot is perched a dove, from whose bill lead lines of No. 1 white baby ribbon to each of the doves in flight, of which, by the way, there were a dozen or more, though only seven show in the picture. Similar lengths of baby ribbon lead from the lower front of the chariot to the doves in flight. The doves and ribbons were kept in gentle motion by a slow-moving electric fan concealed behind a partial screen of asparagus at the extreme right. The fan was so well concealed that many inquiries were made as to what produced the flutter of the doves and ribbons. The window was partially screened from the store inside by festoons of asparagus.

Just back of the chariot appears a triple white wicker trumpet vase, filled also with lilies. The space in the foreground is filled with various Easter plant arrangements, leading features being the egg shaped baskets of white birch bark filled with various plants and flowers, largely baby primroses. At the left is seen a hamper of azaleas and Clotilde Souper rose plants. The general effect of this window was most excellent and it excited much admiring comment.

ROCKFORD, ILL.—W. Hizer has opened a store at 115 W. State St.

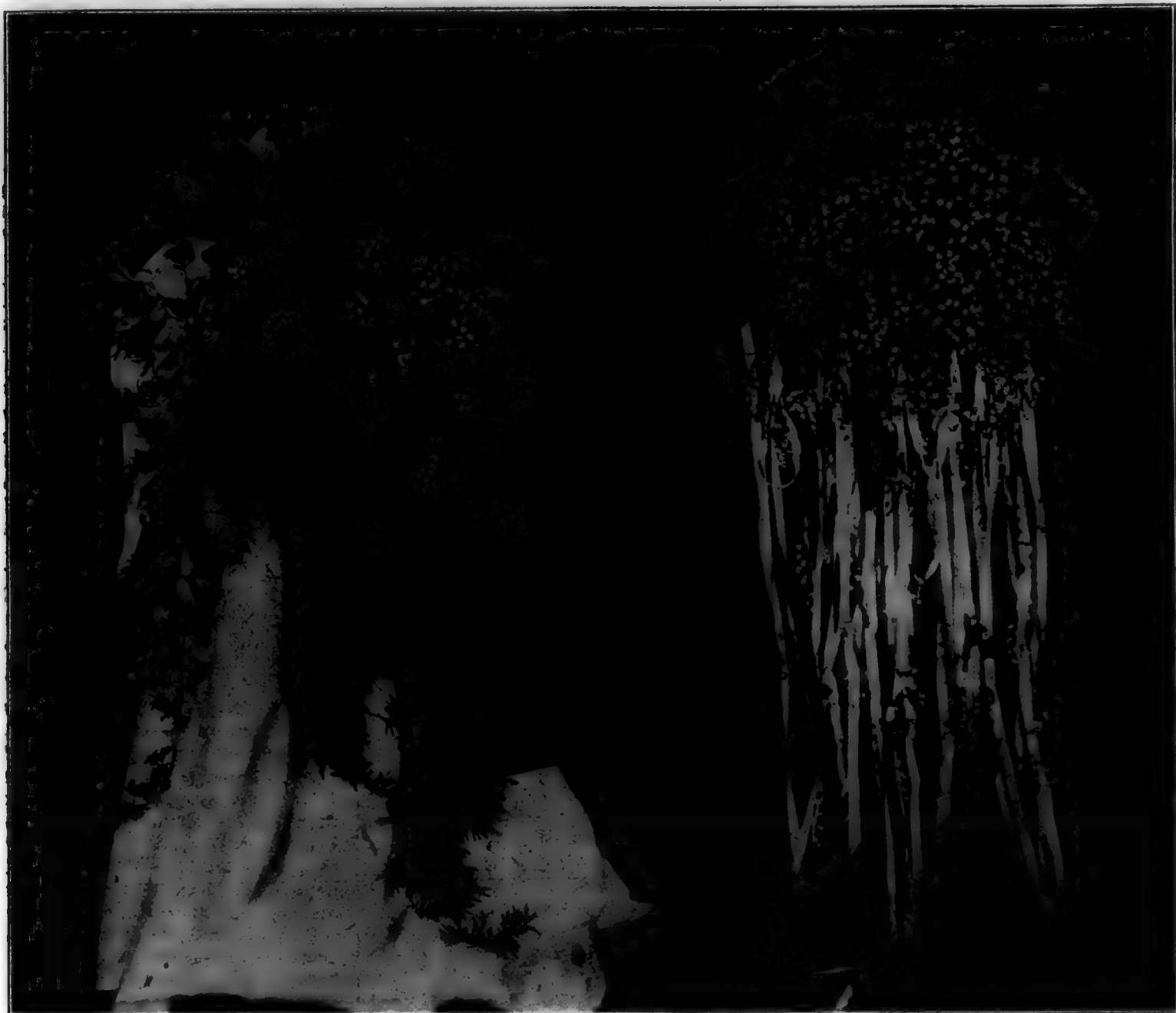


Easter Window Decoration of Mr. C. A. Samuelson, Chicago.

The clustered bouquet is almost unlimited in variety. Bouquets of magnollas or gardenias, especially for southern belles. White orchids will, of course, always lead in price, though they may not always be the most beautiful. Some very fine white or very pale mauvish cattleyas can be got, but in the case of orchids, variety is always best; a few sprays of Odontoglossum crispum, phalaenopsis, and a fringe of Coelogyne cristata mixed 'mong the cattleyas will show up to fine advantage. In all cases the best and lightest tinted fern should be used; we prefer Farleyense or gracillimum. No common greens should be discernible with these rich flowers.

bridesmaids, you are generally ordered to match the color of the dress; very often the dress color itself is selected to match some favorite flower; in such cases be very careful of the color of your ribbon; always select it in daylight; artificial light is deceptive. If the parties have confidence in your good taste, they will often look to you for suggestions, and very much of your success as a retail florist depends on your ability as an originator.

Leghorn hats are going to be popular this summer. Why not suggest that they be trimmed gracefully with natural roses and be worn by bridesmaids, or reverse them and carry them on the arm filled with roses; or let the



Two Bridal Bouquets.

CANADIAN IMPORTS.**Change in Regulations.**

Department of Agriculture,
Ottawa, April 10, 1900.

Sir: I am instructed by the honorable Minister of Agriculture to inform you that representations have been made to him by several of the leading florists of the Dominion that it is desirable to import into Canada certain new and valuable varieties of roses which are propagated and grown entirely under glass, but the importation of which has been prohibited up to the present under the San Jose Scale Act.

The Minister of Agriculture has examined into this matter carefully and finds that there is no danger of importing the San Jose scale upon roses imported in leaf and in growing condition which have been propagated under glass.

You are therefore informed that the Minister of Customs on his advice has issued instruction to the Collectors of Customs at the various ports that such

roses may be imported from the United States as "greenhouse plants."

Yours obediently,

J. FLETCHER,
Dominion Entomologist.

FINE DAFFODILS.

Some remarkably fine Von Sion narcissus were sent to Kennicott Bros. Co., Chicago, by M. Weiland, Evanston, Ill., for Easter. The flowers were immense and with stems 20 to 24 inches in length.

Mr. Weiland says that the bulbs were extra quality, but that there is a good deal in the forcing of the flowers. He plants in good rich soil and when the bulbs have started and growth is about two inches above the surface of the soil, he places the flats on the hot water pipes in a cool violet house, the idea being to give them a cool top, strong bottom heat and plenty of water. Under these conditions the flowers grow wonderfully and at the same time do not become unduly soft.

The bulbs are placed a little farther apart in the flat than usual to allow

full development. These flowers brought the highest market price and were in brisk demand at that.

PLANT LIFE.

"The Adaptation of Plants to Their Environment" was the subject of a recent botanical lecture by Prof. John M. Coulter, of the University of Chicago.

Plants have never reached perfect adaptation to their environment, the lecturer said, but they are continually struggling to that end. It is a mistake to suppose there is perfection in nature. Perfection would mean stagnation. All progress comes from reaching out toward perfection.

Prof. Coulter used the foliage leaf as an example of illustrating the struggles of plants toward adaptation. Light is the chief necessity to the life and development of a leaf, and if for any reason it is denied the necessary quantity of light the leaf will be imperfect in formation, and will show the effects of its efforts to secure that without which perfect growth is impossible. The varieties of

on what is obtainable now, allowing yourself to elaborate on them. Orange blossoms are popular on account of the traditions surrounding them, yet most brides ask for them, not knowing their meaning. These blossoms are to be had now, are suitable for head spray, small round bouquet, spray bunch, or cluster with other flowers. Golden Gate roses are appropriate for California brides, but on account of their stiff, leafless stem are only suitable for the round hand bouquet. Trim with light Farleyense fern. Bride roses, with the pink tinge usually seen on them at this time of the year, are very good for cheap round bouquets; Kaiserins are sweeter, though, and we prefer them; they make a more graceful effect. Roses, remember, are only suitable for the round trimmed bouquet; when carried by the bride the leaves and thorns are apt to damage the dress if used in a loose bunch or spray. Valley with cluster of white orchids, stephanotis, orange blossoms, one or two fine roses, or a fringe of jessamine.

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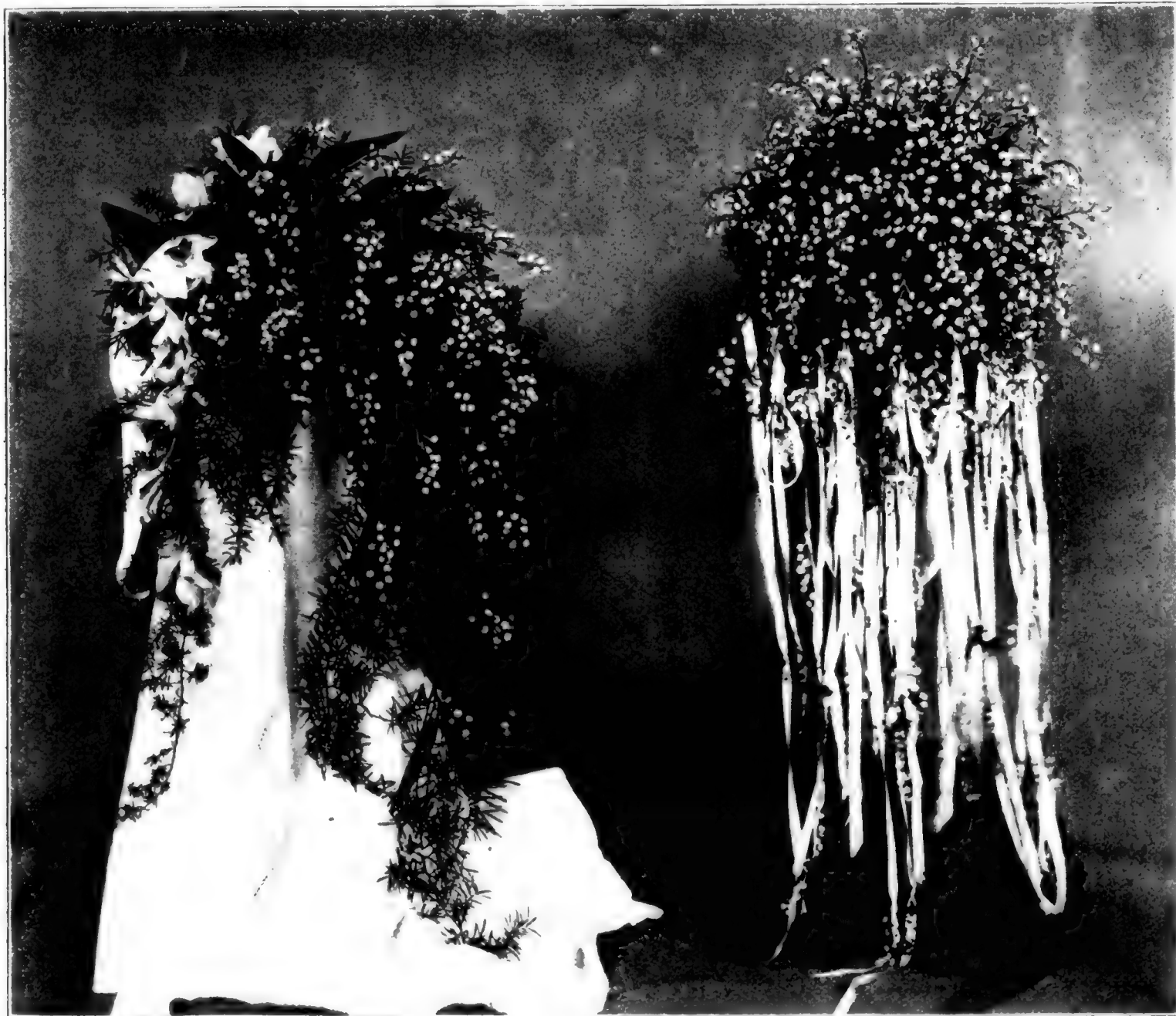


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"The Adaptation of Plants to Their Environment" was the subject of a recent botanical lecture by Prof. John M. Coulter, of the University of Chicago.

Plants have never reached perfect adaptation to their environment, the lecturer said, but they are continually struggling to that end. It is a mistake to suppose there is perfection in nature. Perfection would mean stagnation. All progress comes from reaching out toward perfection.

Prof. Coulter used the foliage leaf as an example of illustrating the struggles of plants toward adaptation. Light is the chief necessity to the life and development of a leaf, and if for any reason it is denied the necessary quantity of light the leaf will be imperfect in formation, and will show the effects of its efforts to secure that without which perfect growth is impossible. The varieties of

leaf formation are in a large measure due to the necessities of light.

An examination of a leaf-bearing plant, he said, will show that the leaf formation is such as will give all the leaves, as nearly as possible, the required amount of light. Too much light is as fatal to leaf life as not enough. In the process of adaptation

the necessity sometimes arises of avoiding an excess of light. In the barren regions of Australia the few foliage-bearing plants have leaves that turn their edges to the midday sun that they may present the smallest possible surface to the too fierce light.

MISCELLANEOUS SEASONABLE HINTS.

After Easter.

A late Easter has kept our houses full of stuff and leaves but six or seven weeks till the great rush of bedding time is here, and in some localities less. I will endeavor to mention what with me are the most urgent things to do, for you will have any amount of plants that have been cramped and crying for space.

1st. Get moved out of doors all plants that no longer need the greenhouse and are in your way, such as sweet bays, oleanders, agapanthus, large hydrangeas and other such things that you may have had to store. There will be no frost to hurt and if there is another frost it is cheaper to lay down and cover hydrangeas than encumber the house with them.

To make room is the first thing, so if you have not already put into cold-frames carnations, pyrethrums and plants that will bear a low temperature do so at once.

Mild hotbeds, just enough to keep a little bottom heat, will do for all the variegated and sweet scented geraniums. The alternantheras, achyranthes, sweet alyssum and coleus (the latter should have the warmest bed). The tuberous rooted begonias do much better in a mild hotbed if intended for bedding. The great advantage of the frames and hotbeds where you plant out your own produce is that the plants can be hardened off and are far more satisfactory than those grown in a shaded house.

Tropaeolums should be potted off from flats and put on a shelf where they will not grow too vigorously. Cobea scandens should be potted into 4-inch and a stick put to them. All zonal geraniums should at once go into their last shift. And so should the ivy leaf section which is now so largely used. We find these are much inclined to flower. Keep the flower buds picked off to within two weeks of selling time.

That most important plant, the

canna, has had to remain in flats, but must now go at once into a 4-inch and be given a bright, warm house.

Caladium esculentum wants the same light house and a 5 or 6-inch pot. They seem to be in good demand every year.

Among hotbed plants I forgot to mention the lemon verbena. It is always in demand. The plants you propagated in March, if pinched once and put into a mild heat, make splendid plants in a few weeks.

Our seedling verbenas are yet five or six in a 3-inch pot. We usually put them in hotbeds, but they grow so vigorously and flower so late that we will put them into 2½-inch pots and grow them on a light, cool bench. No one asks for a large verbena, but they like to see a flower.

The petunia is a very important plant and we prefer to grow them in 2½-inch pots in a light house, then they flower quickly and it's a flower your customers want to see.

Salvia splendens, don't neglect in a small pot or it will soon get covered with red spider.

I cannot now mention half the bedding plants under your care, but nearly all will take their last shift, and do it as quickly as possible. Don't have a night or day dream that you are potting them all at once or in one day. You can't do it, and it will only wear you out, although to a man whose disposition it is to fret it is ridiculous to say, "Don't fret." Select what is worst off and every batch done you are nearer the goal.

Avoid shading your houses as long as you possibly can. There is nothing worse for soft-wooded plants than a shady house and little or no fire heat. With faithful attention to watering and still more with the help of some plunging material round the pots you can avoid shading till the middle of May. Notice the plants in a hotbed: with their roots moist they will endure the brightest sun.

Above all do not believe that you can get along without fire heat because we have at last some warm weather. To coleus, cannas and even geraniums it is a terrible setback to suddenly drop fire heat, unless the weather is bright and warm.

The wisest plan of growing carnations now, it is pretty well agreed, is that it should be early planting and early lifting. By that I would say plant out the first week of April and lift the first week of August. But how can we do it in our northern states? The ground is only just dry enough to plow. We do often delay, however. After the chance comes, plant at once. I like to have 14 or 15 inches between the rows and 10 inches between the plants. There are several advantages in very early planting. The ground is moist and they soon take hold and start, and the cool nights, even a slight frost, does them no harm. To a grower the good early start he can give his carnations means great results in the future, and the all important must be attended to even if less important suffer. WM. SCOTT.

JOHN C. HATCHER'S NEW STORE.

We present herewith a view in the handsome new store of Mr. John C. Hatcher, Amsterdam, N. Y. The picture is so clear that little description is necessary. The ceiling is of metal and the floor is what is known as "terrazza." From the timbers to the surface it is nine inches thick. The bottom is of cement into which is driven and then rolled crushed Italian marble which is finally polished and oiled. The base board is of marble.

The conservatory in the rear has a curvilinear roof and is of generous size, the large display of plants making a very attractive feature of the establishment.

Mr. Hatcher had an "opening" when the store was completed last month and during the afternoon and evening each visitor was presented with a few flowers or a boutonniere. The local press printed very extended notices of this event and gave Mr. Hatcher a good deal of very effective advertising. He certainly has reason to be proud of his handsome, up-to-date store.

GERANIUM GEN. SHERIDAN.

For several seasons there has been used in the beds at Lincoln Park, Chicago, a single scarlet geranium that has at once attracted the attention of the trade visitor by the intensity of its color effect and the admirable way in which it keeps up this effect right through the season.

At the park it has been known simply as "Pullman," the stock having been obtained from the gardener in charge of the grounds at that suburb. From inquiry in various directions we learn that its correct name is Gen. Sheridan, though we have not yet learned where it originated. Certainly it is a splendid bedding geranium and ought to be more generally used.



View in the New Store of Mr. John C. Hatcher, Amsterdam, N. Y.

CHICAGO.

The Easter Trade.

All the leading retailers agree that the Easter trade was decidedly the best in years. On Thursday and Friday some of them were feeling rather doubtful in view of the weather, which was gloomy and unfavorable for shopping, but Saturday was pleasant and the business done on that day was enormous. Those who handle plants say that this department developed wonderfully this year, but that sales of cut flowers increased, too. The plant men had their difficulties increased by the large number of plant orders that had to be delivered on Saturday, but fortunately the weather was favorable and little packing was required.

The majority report that customers didn't figure quite so closely on price as last year, though medium priced plants went most readily as usual. Nevertheless, more of the expensive arrangements were sold. All say they could have sold more good lilies had they had them. Of other plants and cut flowers there was no marked shortage, and the universal report is that it would have been impossible to handle any more business had it come. Prices ruled somewhat higher than last year, especially on extra select stock.

The wholesalers all report an enormous business, far ahead of last year. The only limit to business was having stock with which to meet demand. The only really serious shortage, however, was in lilies. Of these none had enough. And, curiously enough, there

was not the serious shortage of carnations that was anticipated. At the close rose orders had to be cut more than those for carnations. General bulbous stuff went better than ever before and practically everything was well cleaned up.

By the way white carnations materialized at the last moment, it was plain that many had been held on the plants for some time. This works fairly well at Easter, but when done for Christmas, generally results in a surplus of white for that holiday.

Taken all in all, the Easter trade, both local and shipping, was a record breaker, and both retailer and wholesaler are exceedingly well satisfied with it. At the leading wholesale places there were several all night sessions at the work of packing and shipping, and the boys look a little worn and weary, though contented and happy.

Since Easter, demand and supply have maintained very satisfactory relations, and prices are very good for the season.

Seen at the Retailers.

At Samuelson's: Many egg shaped birch bark baskets of various sizes, filled with plants and flowers. Of the smaller ones, some were filled with pansies and mignonette, some with mignonette and Roman hyacinths, some with mignonette and violets. The medium sized and larger ones were filled, many with baby primroses, some with single daffodils and mignonette, some with yellow tulips and yellow Marguerites, some with various ferns only. Many pans of Dutch hyacinths

with various colored crepe paper covers and sashes of ribbon to match or contrast, all harmoniously. A few of these pans had birch bark pot covers. A few pans of grape hyacinths that made a pleasant variety. Many birch bark boxes or jardinières filled with hyacinths and blooming plants. Hampers of birch bark decorated with green luffa and filled with various plant combinations, one especially effective one being of Empress of India azaleas and Clothilde Soupert roses, the hamper being decorated with a sash of open work pink shot ribbon and chiffon. Braid hampers filled similarly with plants of American Beauty and Soupert roses with various sashes diagonally across the fronts and with rosette of the same ribbon at one end. Similar hampers filled with short lilies or with azaleas. Small, round birch bark boxes filled with pansies.

At Wienhoebers': Many pans of hyacinths and single yellow daffodils and Horsfieldii daffodils with pot covers or crepe paper. Many low baskets filled with short lilies, light colored cinerarias, Horsfieldii daffodils and Primula obconica. The yellow Primula vulgaris worked into a number of plant baskets. Many fine lilies and azaleas. Baskets of plants of Soupert and Crimson Rambler roses. A plant basket containing a lily, a Marguerite, numbers of Horsfieldii daffodils, Primula obconica and P. vulgaris. Many birch bark eggs filled with small plants and flowers. Quite a few white cinerarias. Some remarkably well bloomed azaleas, Empress of India being particularly showy.

At Smyth's: Many pots and pans of bulbous stuff and miscellaneous pot plants in bloom. Handle baskets filled with combinations of plants and sash of chiffon on the handle. Many boxes or jardinières of blooming plants trimmed with crepe paper and sash. A box filled solely with Primula obconica. Heaths in variety. Large pots of swainsona, four plants in a pot. Birch bark eggs, baskets and jardinières. A profusion of miscellaneous blooming plants.

At Lange's: Blooming plants of Dendrobium Wardianum and Anthurium Scherzerianum in decorated pots. Pans of small plants of maranta. Otaheite oranges. Cut spikes of large flowered antirrhinum, and the usual run of blooming plants and flowers.

At Schubert's: Many azaleas, lilies and flats of tulips and other bulb stuff, in addition to the usual display of cut flowers.

At Friedman's: A big display of fancy blooming plants. Among the plant arrangements a big pink rhododendron in a basket decorated with asparagus and which sold for the modest price of \$75.

At Wittbold's: Pots containing three or four red tulips with small ferns interspersed. Egg shaped birch bark baskets filled with metallica and argentea guttata begonias and ferns.

Similar birch eggs filled with flowers and with sashes of ribbon tied around. Many azaleas and lilies.

Various Items.

Chase, the florist, will be at 145 Twenty-second street after April 25.

George Allen is now with the Anderson Floral Co.

P. J. Hauswirth is now fairly well settled in his new store and has installed a very handsome ice box lined with white tiles and with a mirror in the back of the part where the flowers are stored, so when one looks in the stock of flowers seems to be acres in extent.

To accommodate certain members who were unable to bowl Wednesday evening, the concluding set of games to determine the membership of the team to meet the St. Louis bowlers will be played at Anson's Friday of this week (20th inst.).

O. J. Friedman, the florist, has organized the Friedman Automobile Co.

Jas. McHutchison, representing Aug. Rhotert, New York, was a recent visitor.

Charles W. Erne, for the last five years with E. H. Hunt, has returned to his home in Terre Haute, Ind., and will probably remain there till next fall.

A regular meeting of the Florists' Club will be held tomorrow (Friday) evening.

The match with the St. Louis bowlers has been postponed, as owing to illness some of their members were unable to get away for the date originally selected.

ST. LOUIS.

Easter Trade.

Easter trade was good all along the line and fully up to the expectations of the florists. The weather was most favorable to flower buyers on Saturday, and although it rained Sunday it was too late to do much damage, as most of the orders were placed on Saturday. Some of our leading florists had to work half the night and some all night getting their orders in shape for early delivery Sunday morning, as nearly everybody wants their orders delivered by 9 o'clock.

The majority of the down town florists had their windows handsomely decorated. Kunz, Riessen, Ellison & Tesson, Foster and North, all had their large show windows decorated with hydrangeas, Harrisii, azaleas, and araucarias; also a fine assortment of cut flowers, which made pretty displays. Young's and Miss Badaracco were also in line with nice displays in their windows. In the West End, Weber, Walbart, Ostertag, Ayers, Cannon and Miss Newman made good use of their show windows by making handsome displays of fine plants of all kinds and a large assortment of cut flowers.

The floral displays at the different churches were noteworthy and from

the looks of the churches in the West End an enormous amount of plants of all descriptions were used. Lilies of course predominated. Perhaps the best decorated church was the First Presbyterian. The arrangement was simply grand; plants of all descriptions were seen in every nook and corner, and lilies were in profusion. The writer has not yet learned who the florist was that did the work.

The plant trade did not present any especially novel features, and fine, well grown azaleas, Harrisii, spireas, and Dutch bulbs, in pots and pans, sold well, especially when trimmed with crepe paper the same color of the flowers. Daisies and palms were also good sellers—in fact, some claim that the plant trade was better this year than last. Lilies sold particularly well, but were very scarce and many more could have been sold.

The wholesalers were kept busy with both shipping and local trade, and from the number of orders they had, Easter must have been better than last year. All the stock that came in was of good quality and prices a little higher than last year.

Beauties were in great demand; not half enough to go around, and brought from \$6 to \$9 per dozen for first grade stock; other grades from \$2 to \$4 per dozen. Meteors and Brides were scarce and A1 stock sold as high as \$10, while other stock not so good brought \$5 and \$6 per 100. Maids were more plentiful and sold at the same price. Perles also were scarce, selling at \$5 and \$6. Most of the growers around here are off crop. A great lot of fine carnations came in on Saturday morning, but none were left, as orders ahead cleaned them up at once, and those with late orders had to take rubbish that was left. The price for the best fancy was \$5; others from \$3 to \$4. None sold under \$3, unless it was rubbish.

An enormous lot of bulbous stock came in. The stock varied a good deal; still it was pretty well cleaned up, although early prices were a little high. Romans and paper whites, \$3 and \$4; Dutch hyacinths, \$4 to \$6; tulip, \$4; valley, \$4 and \$5; callas, \$12.50; Harrisii, \$15.

Sweet peas sold at \$1.50 to \$2; violets were scarce and small, still Californias sold at 50 cents per 100; smilax, asparagus and adiantum sold well at regular prices. All the above stock was of unusually good quality and little was heard of pickling this year.

Various Items.

J. F. Ammann, of Edwardsville, Ill., and E. W. Guy, of Belleville, were in town buying Easter stock for home trade. Both of these gentlemen have booked themselves for the Chicago trip with the bowling club.

Henry Emundt, of Belleville, Ill., is a happy father. It's a girl. Henry says he looked all through Scott's Manual in regards to boys, but found the information missing.

Max Herzog just missed it for Easter. His fine house of Beauties will be in full crop next week.

Luther Armstrong, who has been ill for some time, is somewhat better, but still unable to be out.

T. W. Guy, one of the old timers down at Kimmswick, is taking things easy now, but comes to town occasionally to call on his friends in the trade.

What the St. Louis Florists Say About Their Easter Trade.

Mrs. M. M. Ayers: Business never better than this Easter; worked all night Friday and Saturday to fill our orders; plants of all kinds sold well.

Fred C. Weber was sick abed during the Easter rush, but got through nicely with extra help; sold out clean; business big and prices good.

Chas. Cannon, Jr.: Cut flowers and all kinds of plants sold well; best Easter yet.

Miss Newman: Business was first class; best Easter we ever had; everything sold well.

Mary Ostertag: Business about the same as last year.

George Walbart: Sold out clean; had to stop taking orders early Saturday morning; biggest Easter I ever had.

C. C. Sanders: Did a fine business; Easter stock of plants all sold out; cut flowers the same.

Wm. Kalisch & Son: Had a fine trade; much better than last year.

Ellison & Tesson: Big business at both stores; plants all sold out and our own big cut sold clean early Sunday.

Chas. E. Schoenle: Had all I could do; business was fine; everything sold well.

John Kunz: For my first Easter in business can't complain; sold all I had.

Riessen Floral Co.: Had the biggest Easter in years, with plenty of funeral work with their Easter orders; kept us up all Saturday night and all day Sunday.

Fred Foster: Much better than last year; had a large stock on hand of everything; any kind of a plant sold well.

North Floral Co.: Easter trade was fine; had a cut of 2,000 carnations of our own, which helped out a great deal; lilies sold well, but scarce.

Ostertag Bros.: Business better, prices better and stock better than any Easter yet; plenty of weddings on hand for this month; business is booming with us.

C. Young & Sons Co.: Had the best Easter in years; had plenty of lilies which sold well at big prices; cut flowers of all kinds; sold out clean.

Miss Badaracco: Had a splendid trade in both cut flowers and plants; better than I expected.

The South St. Louis florists, Schray, Beyer, Fillmore, Meyer, Eggling, Dirmer and Hirle. Our Easter trade was

fully up to our expectations; everything on hand sold well.

The North St. Louis florists, Koenig & Sons, Meinhardt and Julius Koenig: Had all we could attend to during the Easter rush.

Brix, Rotter, Aug. Kunz and Mrs. Peffer: Well satisfied with our Easter trade.

Our wholesale men, Kuehn, Berning and Hudson: Orders were never so heavy as they were this Easter; roses were scarce and could have sold as many more; stock this year was of better quality than any Easter yet.

Bowling.

The bowling club had no rolling on Monday, as all the members were too tired after the Easter rush to bowl. President Kunz states that the trip to Chicago will be postponed one or two weeks, as we have a few bowlers on the sick list, whom we must take with us, so April 29th or May 6th will be the date set for the trip. J. J. B.

BUFFALO.

The Easter Trade.

First of all, the elements might have treated us worse. Although flakes of snow fell within twenty-four hours of Easter Sunday, there was no day of the week that we could not deliver plants without covering, and Saturday was fine, but with a nasty, cutting cool wind.

Sunday was the first spring day of the year, bright and balmy, and never in the history of our growing city was there such an array of new hats and bonnets, light pants and neckties, violets pinned on pretty girls, button holes on men, and in the windows of houses lilies, azaleas or some gay plant. Everybody wanted to be out of doors and thousands visited the cemeteries and the now busy grounds of the Pan-American.

Your readers are supposed to look in your columns for florists' trade reports only and Bradstreet's or Dun's for general trade, but it is worth mentioning that on all sides you hear merchants of all classes say that they never realized such an awakening of business. This is of the greatest importance to florists, because we all depend on each other's prosperity. After a long winter's hibernating, people awakened with the generous impulse to open their pocketbooks, and in our line it is no longer confined to one class, but people of very moderate means want a plant or a bouquet.

It is difficult to say just now how everybody feels, but the few I have interviewed are well pleased. All made fine displays of plants, and the quantity sold must have exceeded any former year by at least 20 per cent. Kasting says he never handled so many flowers by one-third, and that is a good indication of the trade. And in plants he went ahead ten fold.

Although some stores doubtless sold

many cut flowers, yet plants were the great feature, as they have been for the past several years. Lilies generally were not of as good quality as they might be and there were many scraggy Crimson Ramblers and some good ones, and those that did not see the good ones thought the others all right and bought them.

It would be a little difficult to say which plants had the preference, but the first two it is easy to mention. I would place this year the azalea first with those who wanted to buy a fine plant for a present. The lily is the standard, and all good ones sold clean out. Crimson Ramblers sold well at good prices, but we had no Philadelphia giants here; \$3 to \$5 was the price. Rhododendrons did not sell as well as azaleas and I may add here that there was an unusually good demand for \$4 and \$5 plants of the latter. White lilac sold well at \$1.50 to \$2. American Beauty and hybrid roses went off good at \$1 to \$2.

Nine and ten-inch pans of Murillo tulips and Dutch hyacinths sold well at \$1.50 to \$2. Small pans of well flowered pansies went off quickly. The single pot of Dutch hyacinth is always a good seller, because it suits the very moderate purse. There were grown here a number of excellent mignonette, compact, well flowered plants, and although many sold, you do not want a large quantity; they only appeal to the very refined. The spiraea and cytisus are no longer important Easter plants, but the spiraea is so useful for cutting that we can't do without it.

We were disappointed in the sale of Acacia armata and the bottle brush plant, and have concluded that we had better occupy the space with azaleas. A moderate sized acacia covered with bloom and its rarity and beauty extolled by the grower, only produced a shrug and the remark: "I don't fancy it." Rubbers, palms, and ferns were asked for only occasionally. It is evident and worth remembering that a gay plant is wanted for Easter.

To finish my remarks on plants: I could say you cannot satisfy all parties, and while we are more than satisfied with the sale of \$2, \$3 and \$4 plants, we seemed largely without a 50-cent plant, and must be better prepared another year. Three hyacinths in a 5-inch pot, a 5-inch pan of tulips, a late 4-inch pot of cyclamen, or a small begonia, or even a well flowered zonal geranium, would fill the bill.

Flowers, except American Beauty, were all cleaned up. The ordinary run of good roses sold well at \$3 per dozen. Carnations brought \$1 and no kick where quality was good. There were not many fancy varieties handled. Excepting some few shipments of carnations, we did not hear of much embalmed stock. Violets were in excellent demand at \$1.50 to \$3, according to quality. Mignonette sold well at \$1 a dozen. Valley moderately at 75 cents. Tulips and daffodils at 50 to 60 cents. There is really little demand for this bulbous stuff, but it fills in,

and those people doing a cemetery business can not do without them, for nothing makes so good a show for the price. We seemed to get along entirely this year without running to the smilax bed, but cut sprays of Asparagus plumosus and Sprengerii were in constant demand to accompany boxes of flowers.

Florists' wagons were on every street till a late hour on Saturday, but only one automobile, and that was hired for the day by W. J. Palmer & Son—a good "adv." for we heard of it early in the day. Even if the vehicle contained nothing more substantial than the contents of the wheels, it was a good move.

People did not ask you to "fix up" the plants with crepe; it was taken for granted that you would, and few plants were sent out without being trimmed.

In the rush of business on Friday we received an order from one of the rural counties of western Pennsylvania for 10 cents' worth of smilax; to be sent by express. That broke us up more than a big church decoration, and in the hurry I am afraid it was neglected. Everybody was tired out and, Brother Florists, it is a hard and tough three or four days. We ought to make some money for such high pressure work. It is not work—it is a jumping slavery for forty-eight hours. There is no business more difficult to handle, no goods so perishable, the anxiety and strain on your nerves is great, and we ought to reap a good reward, unless Easter could keep up all the year round, when we would be equipped for it. I am glad it only comes once a year. W. S.

BALTIMORE.

Easter Trade.

The weather for the week preceding Easter comprised much rain, clouds and low temperature, but the day itself was ideal, whilst Friday and Saturday were clear and bright, with vivid suggestions of spring in the air. Were the daily press to be credited, the employment of plants and flowers for the decoration of church, home and cemetery was never more general, and the supply of materials never more abundant. It would seem that the sunshine and calmer atmosphere gave impetus and opportunity for buying, the dealers making the best of their chances for attractive displays of the streets, in the stores and at the markets, and the desire to have living and fragrant decorations for the vernal holiday became infectious with all classes.

The growers had felt the untoward influences of dull skies, but almost all kinds of stuff were in full supply, and prices were satisfactory generally to buyer and seller.

The embellishment of the windows of the florists themselves advances with the growing fondness for floral decoration, and nearly all the stores showed imposing and tasteful arrangements of choice material. Large plants

of Bougainvillea were much in evidence this year, occupying a broad space in the windows, lighting up handsomely under the electric light and harmonizing effectively with other varieties used for the decorative scheme in each particular case.

The retailers emphasize the larger quantity of growing plants Easter sales demand. Asked which were the most popular, one firm said Crimson Ramblers and genistas, and that Bougainvilleas of moderate size would sell well. Another pointed to acacias and azaleas as the great favorites, and a bright young woman in a third store declared that any plant would sell now if in good shape and flower. Lilies, azaleas and hydrangeas went out by the thousands of course, and, although we hear of Dutch stuff being a drag, the supply seemed inexhaustible and the demand to keep pace with it.

The truth is the great bulk of the buyers want plants that do not cost much money, and this material fills the place. The lily disease was erratic, some growers reporting as great a loss as 40 per cent; but two large growers, S. Feast & Sons and Wm. J. Halliday, agree that their loss was so small as hardly to be appreciable.

All kinds of cut flowers were well taken up. If any were over-abundant it was violets; roses were in good demand; many more carnations, if in good shape, could have found a market. Towards evening on Saturday shipments of mignonette, smilax and asparagus coming in found the buyers supplied and were laid over.

The Florists' Exchange seemed to have had about all it could do; in fact, its capacity for handling the cut flower business seems to have been about reached, and it is not unlikely that before long more commodious quarters will become a necessity of the situation, its present location being palpably too constricted and ill-arranged for its increasing traffic.

Notes.

Wm. J. Halliday displayed in his window last week some of the best Golden Gate roses yet seen here, with fine large blooms of rich tints and stout stems quite thirty inches long. The delicious fragrance of this rose contributes to its popularity and its only poor quality is the paucity of foliage. If anyone can give the history of this rose it would be of public interest. It is evidently of the blood of the Niphetos, but what is the other parent? As we learned the story, it was originated by Robert Neely, of New Orleans, a florist who went from Baltimore, and who sold it, with several other hybridized varieties raised by him, to the Dingee and Conard Co. of Pennsylvania, by whom it was named and sent out.

The old established firm of Samuel Feast & Sons has secured a ten years' lease at a large rental of the building on the southeast corner of Charles and Pleasant streets, now occupied by the Woman's Exchange. This is a com-

modious stand, peculiarly adapted to the florists' trade, with fine show windows and ample bays, with northern exposure, whilst the offices and studios into which the upper floors are divided will be a source of large revenue. The old stand of the Feasts gives way to the march of building improvements, and the new one is one block further north. It adjoins the store of the Halliday Bros., formerly Mrs. Mary J. Thomas', and is across the street and within a stone's throw of Wm. J. Halliday, John Cook and James Pentland's establishments.

Smith & Hamilton, of Mount Washington, are about to erect a new rose house 100 feet long. They have already one carnation and one violet house.

RIX.

BOSTON.

Bumps.

There are some rather strange phrenological bumps on the head of the situation here. To begin with, the weather bureau made a slight clerical error whereby a heavy two days' rain intended for Chicago got switched off into Boston for Thursday and Friday and nearly spoiled the whole thing. In spite of this, however, I claim it was the best Easter the Hub florists ever experienced. A perfect hurricane of trade struck the city at 1 p. m. Friday and raged supreme till late on Saturday eve and blew nearly everything out of the stores except the contents of the money drawers.

One bump consists of the fact that nothing white sold well but lilies, and white roses are left in larger quantities than anything else. Growers made their same old mistake of holding carnations too long and prices ran a shade lower on Saturday than at any time previously for a couple of weeks.

Another rotund protuberance bears the smell of violets. This may perhaps be illustrated by the remark of one of our most philosophical retailers, "Two years ago we bought 15,000 violets and threw away half of them; last year we bought 15,000 and had one bunch left; this year we bought 15,000 and bought 5,000 more Saturday to keep up with the demand." They were more plentiful than expected and customers much more so.

Lilies got scarce in places, but retailers averaged things up very nicely by patronizing wholesalers and buying of each other, so that the supply just about equaled the demand. There were not enough good red roses; orders for smaller grades were all filled at good prices.

B. T.

WASHINGTON.

Easter Trade.

Business was the finest on record with every one. Plants of every description taking the lead, ranging from 50 cents to \$3, although some of the boys overloaded themselves with high

priced azaleas. D. Z. Blackstone says: "Best we ever had; everything sold out except a few straggling plants." Washington Floral Co., Mr. Otto Baur says: "Could have sold more; best we ever had." F. W. Bolgiano says: "This is the only Easter we ever sold completely out." From the looks of J. H. Small & Sons, Gude & Bro. and J. R. Freeman's stores they looked as though a cyclone had struck them the next morning, and to see the proprietors, you would see a weary batch of played-out boys, but their pockets were fat, which caused them to still keep a smile on their tired-out countenances.

Every one thought lilies would be a glut, but before evening they had advanced 25 per cent, and there were not enough to go around. Bulbous stock such as tulips and jonquills did not go at all at any price. The trade here demands fine roses and carnations and Dutch stock is not wanted by them at any price.

Notes.

We learn, with regret, of the death of Mr. Field, the most popular florist of this city and the introducer of our grand American Beauty rose. Mr. Field was buried on Easter Sunday. Will give particulars in next issue.

F. H. KRAMER.

KANSAS CITY, MO.

Easter Notes.

The writer visited the down-town florists Tuesday morning and each one agreed that Easter trade was 25 per cent better than last year.

The weather was perfect until Sunday noon, when we had a heavy rain-storm, which spoiled trade for the rest of the day.

The florists commenced early in the week to decorate their windows with plants and bulbous stock and an improvement over former years was very noticeable. W. L. Rock made a special effort to attract the public, and his artistic display would do credit to any city. Sales were about equally divided between cut flowers and potted plants, and supply equal to demand.

Maids, Brides, Perles and Meteors retailed from \$1.50 to \$3 per dozen; Beauties brought from \$2 to \$8. The carnation was the favorite flower and fancy varieties sold at \$1.50 per dozen. Violets were few in number and inferior.

Potted plants were of a higher grade than last year, and grown more extensively. The past three weeks of spring-like weather brought Harrisii out in fine shape, and they were of much better quality than was expected. Everyone sold and many more could have been disposed of.

A few pans and boxes of finely grown tulips trimmed with crepe paper and ribbon found ready sales. Daffodils and Romans suffered from that "tired feeling" and could not be used unsupported.

Humfeld Floral Co. had a splendid lot of azaleas and white lilac.

Baker Bros. made a specialty of cinerarias and think they sold enough to pay their transportation to the Klondike next month.

Samuel Murray monopolized the market on hydrangeas, which were perfect plants; in fact, it may be said the finest ever seen in Kansas City.

The great rush is over and everyone seems pleased with the volume of business done. Now let's get down to the regular routine. ORPHAN.

NEW YORK.

It should be always a pleasure to write of prosperity, and yet our business and the people in it are so paradoxical, either from habit or experience, that they are always ready to deny or dispute anything, especially reports in the trade papers. There may be many ways to look at the business done this Easter, but those best able to judge must admit that it was a record breaker for quantity of plants and flowers sold.

The weather was a friend to the florist. Saturday was fair, but Sunday was a gloriously beautiful day. Never in the history of New York was there such an Easter parade on Fifth avenue. The sight could not be duplicated in any European city. More gaudy costumes might be shown in gay Paris, the military swagger of Rotten Row was not there, but the New York girl and her beau care not for these, and need none. The Cherry Hill and the Murray Hill belles walked side by side, the rich and the poor—yes, the girl able to buy any part of royalty in Europe could here be seen to smile and move aside to let her own servant pass in all the splendor of a new Easter gown.

But—and here we must speak of that which concerns business—never were there so many flowers seen. The quantity of violets worn even on Fifth avenue Easter Sunday was a revelation. It would seem as if there were over a million violets in New York city that day; though they were the most popular flower for street wear, there was an abundance of roses, carnations, valley, and other flowers proudly worn by swain and damsel. The violets were tinfoiled, ribboned and tasseled—whew! the colors of those "violet" ribbons, 'twas awful on sensitive nerves—a humiliation to the poor flowers, for we saw many—aye, very many—of them hang their wearied heads as if in shame.

It may not be right to be comparing one annual festival after another with its predecessors of the past, for many reasons, and here are some: The world moves and people cannot stay behind, floriculture is not controlled by either trusts or patents—it never can be. The recent national rose show forcibly demonstrated the fact that posies are grown in quantities in almost every village and town in the United States. There is an oversup-

ply—not too many flowers for the number of people, but too many flowers to demand high prices for. Take violets, for instance. They seemed to have been stored up for a considerable time; the only thing about most of them was the color; others were vilely repugnant, though some we saw were a credit to the country; they were well packed and were sweet. When you stop to think of the quantity on the market, though, and that it is necessary to dispose of them quickly at the best price you can get, you will be forced to admit that a vast amount of credit, I mean praise, is due those who succeed in selling out at a fair price.

What are fair prices will always be disputable and the question must always be settled by the public. Thousands of violets were sold by the peddlers and Greeks on the New York streets on Sunday for 25 cents a bunch of 50. What they paid for them and what the grower may get we know not; on the other hand, first-class storekeepers paid from 75 cents to \$1 for choice stock, and they were sold to the people at double or more than double that price.

As regards roses, enormous quantities were shipped in. Small roses were not even in the "number" or "Guinness" triple extra" class. Numberless boxes of Brides and Maids had that bruised and sodden look about them that forbade purchase at any price, but Jacqueminots, Brunners and other hybrids were fine. There was no scarcity in any line of soft or bulbous stock, and as for lilies—well, New York was staggered. They came by the thousands from all sides and in all shapes. Many a grower who held out for big prices before Easter will have to be content with half what he asked. The people of New York will not pay as much for buds in embryo as they will for open blooms, and it's pure madness to imagine you can compel them to.

Now, to sum up the cut flower business: We have every reason to believe that it was good, very good, considering that every energy was devoted to pushing plants. The prices may not be as high as those of other years; we fear they never will be again, for the indications are that more plants will be grown and there is more money in them for the retailer, so if any fair price can be got for poor or medium cut flowers under these circumstances, it's useless to audibly comment on them.

In the matter of flowering plants, such displays were never seen before anywhere. Every store was packed, much of the plants were fine and the growers got good prices, very high prices, in fact, for anything that was half way decent. The quantity sold was marvelous. The tidal waves of prosperity surging in this country at present seemed to have pushed the general public into the florists' stores, and the ebb tide took away the best from all, leaving but the wreckage be-

hind. Quite a few of the florists have many plants left, and there are reasons for it. They were either too high priced, or their stores are located in places from which the best trade has moved, or to which it has yet to come.

The azaleas were countless and the few that are left will be all right for another year. Many were glutted with lilies—green lilies, not white ones—and you know the man who will ship such stock in, and is sure the gullibility of the people is a blinding or imbecilic and epidemical disease, surely needs something himself. If the lilies sent into this city were of good quality and were put up right, few, very few, would be left unsold. In addition to their being green, they were too paltry in appearance. The New Yorker is not stingy, and hates to appear so. You couldn't ask him to send a pot of one lily with one flower and three buds to a lady—such a thing would be ridiculously childish; but have a dozen or more flowers in a pot and it's all right; if the growers or retailers hadn't sense enough after all their experiences to do this, they deserve to have them left on their hands. Whatever the effect in isolated quarters, the general summing up must be that it was a glorious Easter in every way, and it's good to be satisfied.

Oh! we forgot—just another word. The men you got your Harrisii bulbs from in Bermuda sent five thousand boxes of cut lilies from that island to New York on Saturday, April 7. Another cargo was expected on April 14. We suppose they were merely sent to help cover the demand for Harrisii; you know you bought so many from them and they did so well. However, these Bermuda cut lilies were offered for sale in several large dry goods houses throughout the country. One would like to know if they can be grown there and shipped here for almost nothing what's the use of bothering with growing them in glass palaces here?

But let's get to the alleys. There were only a few of the boys there, and the scores were:

	1.	2.	3.
Traendly	157	147	171
Hafner	152	158	172
Marshall	191	150	181
Moody	145	128	167
Lang	207	179	157
Donlan .....	...	...	115

J. I.D.

PHILADELPHIA.

Easter Trade.

The retail florists report the past Easter as surpassing all others, both in the quality of the stock furnished them by the grower and the prices realized. From the growers' standpoint everything sold well. The weather was all that could be desired. A great many of the retailers sold out entirely and were obliged to lay in a general stock Monday morning. While the supply of lilies was sufficient to

meet the demand, there was no great surplus, and the quality was better than was looked for; in fact, many lots were far superior to any of the past two years.

In pot plants, azaleas as usual took the lead, and there were but few left over. The \$2, \$3 and \$5 sizes sold well. In Rambler roses the medium sizes sold best. Genistas sold well. Hydrangeas, hyacinths, tulips, daffodils, valley and spireas sold fairly well. Decorations exceeded last year by far, and in consequence cut flowers were very high.

Prices: American Beauties, \$1.50 to \$6 per dozen; Brides and Maids, \$5 to \$12; Meteors, Golden Gate, Morgan and Kaiserins, \$5 to \$10; Liberty, \$10 to \$25; Gontier, \$3; Perles, \$4 to \$8 per 100. Cattleyas, 50 cents; dendrobiums, 15 to 35; carnations, fancy \$3 to \$4, ordinary \$1.50 to \$2.50; hyacinths, \$3 to \$4; valley, \$3 to \$4; daffodils, double \$4, single \$1 to \$3; tulips, \$3 to 4; mignonette, \$3 to \$4; violets, single 25 to 50 cents, double 50 to 75 cents; sweet peas, 1 to \$1.50; callas, \$15; adiantum, \$1 to \$1.50; asparagus, \$50; smilax, \$20 to \$25; Harrisii, \$8 to \$10. R.

GRAND RAPIDS, MICH.

The outlook was very dismal for a good Easter. Wednesday it commenced to snow and snowed again on Thursday, and it seemed on Friday, with still two inches of the beautiful on the ground, that it was certain to be a cold, wintry Easter, but when Saturday opened up bright and warm business assumed a different aspect. The people commenced buying early, deliveries got congested and special delivery wagons had to be resorted to in order to clear up the sales for the day. It was past midnight before Saturday's sales were out of the way. The business of the week was good, with Saturday the record breaker; all expected a heavy trade, but not an avalanche.

Lilies, of course, sold best, and were completely cleaned out to the last plant. Roses in pots and Crimson Ramblers sold well; the trouble was, not enough of them. Spiraea floribunda, fine plants they were, did not seem to take well, though they made a nice display. Hyacinths, single, in pots, sold readily at 15 to 20 cents each; in pans at 35 cents to \$1.50, the larger pans going slowly, being too expensive. A few rhododendrons were sold, but are too high priced to become popular here. Azaleas, however, still maintain their popularity, a great many being sold. As for cinerarias, a few people still like them, but they are about out of favor. A few violets in pans sold well, but tulips sold poorly; nobody really seemed to care for them, and the only way to get rid of them was to use them in mixed boxes of flowers. Narcissus sold well at 75 cents per dozen.

There were plenty of plants to supply the demand, there being some exceptionally fine hydrangeas in 6-inch pots, with from 4 to 6 blooms each,

which took well. Lilies were the only plant in short supply, and many more could have been sold. Cut flowers were equal to the demand, except carnations, which sold at 50 to 75 cents per dozen, and some poor stock was eagerly taken at the 50-cent rate.

Crabb & Hunter rented a room down town and ran a special sale of plants and their sales were phenomenal.

Plants were pretty generally cleaned up close; no one has a kick coming and all agree that it was the heaviest Easter trade ever experienced.

G. F. CRABB.

YOUNGSTOWN, OHIO.

There are many things to interest the casual observer while taking a stroll through Mr. E. Hippard's greenhouses. The plant itself, consisting of twenty-two modern, well equipped houses and comprising 60,000 feet of glass, is well worth seeing. There is nothing lacking and everything about the place seems to work with clock-like regularity. Nevertheless, it is Mr. Hippard's intention to make some extensive additions and improvements during the summer or early fall.

Then there are his roses! Although as a rose grower Mr. Hippard is pre-eminently successful and has established a reputation second to none, his success this season seems to have surpassed all his previous efforts. His Brides, Maids, Perles and Meteors are of the kind that would sell (as they invariably do) at sight in any market. His carnations, likewise, do remarkably well and while growing the best standards as well as the "latest," he has about ten seedlings of his own, some of which are decidedly promising. One, especially, seems destined to make its mark. It is of a pleasing salmon color, borne on a long, stiff stem, a splendidly formed flower and a great favorite with the ladies.

A GOOD IDEA.

A Pittsburg girl who has a genius for giving charming luncheons and originating novel features for them introduced a flower arranged contest the other day which all her friends are copying.

When each guest took her seat for this particular luncheon, she found at her cover a pretty vase of Bohemian glass. Beside the vase she found two or three rosebuds and a few sprays of green.

The hostess explained that each girl would be expected to show her artistic skill by arranging the flowers in the vase; that a prize would be given for the most exquisite grouping. Five minutes were allowed for the work, and at the end of that time some very dainty vases were ready to be judged. The prize was one of those smart little flower hampers which our florists are fitting out this winter. It was filled with violets and tied with violet ribbon.—Daily Press.

THE EASTER TRADE.

Reports from all sections show that the Easter trade has broken all records and that everyone in the trade is thoroughly satisfied. This is exceedingly gratifying and shows that the florist is receiving a fair share of the present prosperous general business conditions. We print in this issue a large number of reports and they seem to be unanimous that this Easter was by far the most profitable to the florist in many years.

MINNEAPOLIS, MINN.

Easter trade was the best we have had for years. Everything in cut flowers and blooming plants sold readily and at better prices than last year. Lilies were all sold by Saturday noon. This seems to be the only flowering plant buyers want for Easter. Azaleas, spiraeas, hyacinths and hydrangeas went slowly until lilies were all sold. Cut flowers of all kinds sold well at fairly good prices. On the whole this was the most satisfactory Easter ever known. G.

DETROIT.

Disagreeable, cold and cloudy weather until Saturday has made this Easter one rather to the advantage of the wholesaler, for the retail man had to place his orders to secure his stock, and customers put off placing orders until Saturday, thus making the poor, overworked retailer do five days' work in two. But on the whole it has been a good Easter for both.

Stock of some kinds was short, notably lilies, but the florists had the entire trade, for the corner grocery found them too high to venture. Carnations were also scarce and high. Plants sold well and there was a noticeable call for trimmed plants in baskets. One of our leading retailers employed a skillful trimmer for that purpose alone.

Ill luck seems to pursue Asman & Dunn, for last week their delivery wagon was demolished and the horse killed by an electric car.

ELK RAPIDS, MICH.—The Alfred J. Brown Seed Co. are placing contracts through this and adjoining townships for the seed pea crop for 1900. The price paid is \$1 per bushel for peas sowed broadcast and \$1.20 for peas cultivated. Several hundred acres are contracted.

PLEASANT HILL, MO.—Geo. M. Kellogg reports that the Easter trade was the largest in the history of his establishment. All stock was good, with the exception of lilies, which were short stemmed.

WARREN, O.—Mr. Louis Bengston, who has been employed with George Gaskill for two years past, has gone to New York, and from there goes to Paris to visit the exposition. Mr. Wm. Gerke, of Cincinnati, an expert grower and designer, succeeds Mr. Bengston.

HEACOCK'S PALMS

AWARDED
CERTIFICATE OF MERIT
Penna. Horticultural Exhi-
bition at Phila., March 21,
1900. for choice *Areca*
Lutescens, etc., etc.



**Choice *Areca Lutescens*,
Kentia Belmoreana,
Latania Borbonica
and *Phoenix Rupicola*.**

ARECA LUTESCENS.

	Each
8-in. pot (3 plants), very bushy, 26 to 30 inches high....	\$ 2.00
8-in. pot (3 plants), very bushy, 30 to 36 inches high....	2.50
14-in. pot (3 plants), very bushy, 7 to 8 feet high.....	20.00

KENTIA BELMOREANA.

	Per doz.	Per 100
3-in. pots, 4 to 5 leaves, 10 to 12 inches high.....	\$3.00	\$25.00
4-in. pots, 5 to 6 leaves, 15 to 18 inches high.....	6.00	50.00
6-in. pots, 6 leaves, 20 to 24 inches high.....	18.00	150.00

LATANIA BORBONICA.

	Each
10-in. pot, 9 to 10 leaves, 30 to 36 inches high, 42 in. wide..	\$4.00

PHOENIX RUPICOLA.

	Each
8-in., 24 inches high.....	\$2.00

My packing is done in the best possible manner,
and shipping facilities for both freight and express
are unsurpassed.

A Trial Order is Solicited.

JOSEPH HEACOCK, - - WYNCOTE, PA.

Mention The Review when you write.

LOUISVILLE, KY.

The regular monthly meeting of the Kentucky Society of Florists was held at Music Hall on April 4, with President C. F. Wood in the chair and a good attendance was present. Considerable business was transacted. It was decided to give a chrysanthemum show this fall, in November, and the advance premium list will be mailed to every member. Mr. William Mann read a paper on "Artistic Work in Making Floral Designs," which attracted considerable attention.

Easter trade was a record breaker this year. Lots of plants and ferns were sold. Some very fine tulips and azaleas went at a good figure. In cut flowers, prices were about the same as last year. Harrisii lilies were scarce.

Jacob Schulz had a very fine display of all kinds of plants, and reports a heavy trade this year. Joseph Coenen & Co. sold every blooming plant they had. T. B. Rudy reports a very large Easter trade. Nanz & Neuner made a fine display at their store; a very large azalea in their show window attracted considerable attention.

Wood & Stubbs, the seedsmen, report a very large trade, and their forces are kept late to fill orders.

Hy. Fuchs' little boy has been very sick, but is improving.

C. H. Kunzma's carnations came in just right for Easter and were beauties.

F. Lichtefeld & Son had all they could do for Easter—the best ever known.

Jno. Bettman & Sons of New Albany, Ind., report the largest Easter sale of plants and cut flowers ever known.

HY. LICHTEFELD.

PEORIA, ILL.

The Friday preceding Easter was cold and cloudy and very little business was done. Saturday being light and warm, brought out the crowds, and trade was excellent.

Longiflorum lilies took the lead, and there were some very fine Harrisii grown by J. C. Murray, with 12 to 14 flowers. There were large numbers of spireas, which sold well. Cole Bros' lilies did not all get in in time, but they did well with their other stuff.

Kuhl, of Pekin, had a grand display and some fine cut roses. Loveridge did well with good roses, cut, and pot stuff. J. C. Murray had a very large and varied display in a huge store on Adams street, rented for the purpose, and sold out clean. His roses and carnations were fine and plenty. Prices were 40 to 60 cents a dozen for carnations and \$1 to \$2 a dozen for roses.

J. R.

CINCINNATI.

Easter trade was about the same as last year. There was a shortage of roses and carnations, due to the dark, rainy weather just previous to Easter. Bulbous stock was not so plentiful as heretofore, and brought good prices. There was a good demand for blooming plants both at the stores and the flower market. We were favored with ideal weather on Saturday and Sunday, which brought out the people, although it was too late to bring out the flowers.

George & Allan hit it nicely with 5,000 Harrisii and sold them all at 15 cents per bloom.

B.

INDIANAPOLIS, IND.

Easter Trade.

If one could have seen the florists' faces here during the past week one would have witnessed a grand transformation scene. They were even gloomier than the weather, especially last Friday, when some of them began delivering plants in the snow storm we had here on that day. But now their countenances are brighter than the sun on Easter morning and they greet you with a pleasant smile and slap you on the back and say, "Wasn't it a corker?" Well, to tell the truth, it was a corker. The weather was surely with the florists, Saturday and Sunday, and everything in the Easter line was sold at fancy prices.

In large plants lilies, hydrangeas, Rambler roses and azaleas took the lead at fancy prices. In smaller plants good bulbous stock, being scarce and in great demand, brought better prices than ever known here. In cut flowers carnations sold more freely than roses at from \$1 to \$3 per dozen. There was a good supply of roses that sold from \$2 per dozen up. Of course there are a few soreheads that happened to miss it on such an occasion as this, but the opinion of the majority is that Easter trade was fully 50 per cent. better than last year.

Garfield Park.

I wish to state that our city florist, R. A. McKeand, extends to all the florists of Indiana and especially of our own city an invitation to visit the city greenhouses at Garfield park on Sunday, May 6th. "Mac" says that he has in the neighborhood of 200,000 plants in fine condition and all those who doubt this statement would do well by accepting this invitation and see for themselves.

FRED.

DES MOINES, IA.

Easter Trade.

Easter, 1900, is past and long to be remembered. The supply was far short of the demand. Harrisii was scarce and mostly shipped in, both cut and in pots. Hyacinths in pots were in poor demand, being inferior in stock. The church decorations were perhaps on the whole less than in former years, being mostly done by the members of the various churches furnishing plants and an occasional Harrisii. We did not hear of any florist getting more than a \$15 deal with any church, but there may have been better orders placed. Most all of the boys complained of their orders from the commission house being cut down, and this disappointment added to vexation made the day long to be remembered.

J. T. D. F.

GRAND FORKS, N. D.—M. V. Williams is arranging to open a floral store here,

E. H. HUNT

THE "OLD RELIABLE" FOR

**Wholesale
Cut Flowers**

Hunt's Flowers Go Everywhere.

76 Wabash Ave. CHICAGO.

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Bassett & Washburn**76 Wabash Ave., CHICAGO, ILL.**Wholesale Growers of **CUT FLOWERS**and Dealers in
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PETER REINBERG,Wholesale **CUT FLOWERS.**

500,000 feet of Glass.

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Wholesale Florist,

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In our new and enlarged quarters we are better prepared than ever to handle your orders.

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WHOLESALE **GROWER OF ROSES.** DEALER IN **CUT FLOWERS.****J. A. BUDLONG,****37-39 Randolph St., CHICAGO, ILL.**

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Welland & Risch,

WHOLESALE GROWERS AND SHIPPERS OF

CUT FLOWERS,**59 Wabash Avenue, CHICAGO.**

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**Maplewood Cut Flower and
Plant Co. GEO. M. KELLOGG, Pres.**Growers of **CUT FLOWERS** at Wholesale.

Regular shipping orders given special attention. We have the largest plant west of Chicago.

Store: **906 Grand Ave., KANSAS CITY, MO.**
Greenhouses; Pleasant Hill, Mo.

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**32-34-36 Randolph St., CHICAGO.****W. S. HEFFRON, Mgr.**

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WIETOR BROS.Wholesale Growers of **Cut Flowers.**

All telegraph and telephone orders given prompt attention.

51 Wabash Avenue, CHICAGO.

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BENTHEY & CO.**F. P. BENTHEY, Mgr.**WHOLESALE AND COMMISSION **Florists.** Consignments Solicited.**41 Randolph St. CHICAGO.**

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C. A. KUEHN WHOLESALE **FLORIST**

Cut Flowers and Florists' Supplies.

Manufacturer of the Patent Wire Clamp Floral Designs. A full line of supplies always on hand. Write for catalogue and prices.

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WHOLESALE SHIPPING**FLORISTS****3134 Olive Street, ST. LOUIS, MO.**

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**Cincinnati
Cut Flower Co.****W. A. MANN,
FRANK W. BALL.****416 Walnut St. CINCINNATI, O. Wholesale Florists**Consignments Solicited.
Special Attention Given to Shipping Orders

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CALL ON US IF YOU HAVE ANYTHING TO SELL.



MONEY ON DEMAND.

We pay all shippers every Monday.

Don't let anyone owe you. Ship to us and get the market price and the cash each week.

42 AND 44 E. RANDOLPH ST.,
CHICAGO. ILL.

Wholesale Commission Florists.

TIFFIN, OHIO.

As usual, and particularly during Easter week, I found the genial Mr. Ullrich more than ordinarily busy. Both his wholesale and retail trade have fully kept pace with the times, having increased to an extent surpassing his own expectations. While we were chatting the letter carrier put in his appearance, depositing a stack of letters on the desk. "Be sure to send me so many roses." "May I depend on so many carnations?" "Won't you please let me have so many of one thing, and that many of another?" Such was the nature of that afternoon mail—a week before Easter.

A stroll through the houses sufficed to convince me that enough stock was in sight to go the rounds. In this respect Mr. Ullrich is especially fortunate; not a bench but what showed a full crop in roses, as well as carnations. As to bulbous stock, it fairly took my eyes as well as my breath.

In my travels I often hear complaints about *Asparagus plumosus nanus* seed being an utter failure. "The seed will not come up," I am often told by one florist or another, "and I pitched out the box." Don't "pitch" out the box, brother florist, says Mr. Ullrich, but bide your time. The seed, if fresh, is bound to come up some time; if soaked before sowing, it is sure to make rapid growth. Last spring Mr. Ullrich sowed 4,000 seeds, which remained dormant for almost a year before they began to come up. To-day the boxes look as green and as fine as a well kept lawn and Mr. Ullrich will have 4,000 additional seedlings to the lot of this year's sowing (soaked, by the way, before put in the soil). S.

HOPKINSVILLE, KY.—The wife of Mr. J. K. Postma, the florist, died recently, of dropsy, after a long illness.

Coleus.

Golden and Scarlet Verschaffeltii, Golden Crown, R. C., 26 other good kinds, 70c per 100; \$5.50 per 1000. Chrysanthemums, 35 or more named varieties, \$1.25 per 100; \$10 per 1000. Verbenas, 60c per 100; \$5 per 1000. Ageratums, white, blue and Pauline, 70c per 100. Heliotrope, 15 named sorts, \$1 per 100. Petunias, 30 named dble. varieties, \$1.25 per 100; \$10 per 1000. Lantanas, \$1.25 per 100. Alyssum, \$1 per 100. Salvia, \$1 per 100. Begonias, 2½-inch pots, \$2.50 per 100. Express prepaid on all Rooted Cuttings. Send in your orders now.

S. D. BRANT, CLAY CENTER, Kansas.
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FERN SPORES SOW NOW!!

WE ARE HEADQUARTERS—Extra large package of fresh spores, sufficient for 8000 plants, with full cultural directions, postpaid for \$1.00. Collection of 12 distinct varieties, each separate, \$5.00.

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THE FLORISTS' MANUAL

By WILLIAM SCOTT.

A Complete Reference Book for Commercial Florists. Over 200 large pages. Handsomely illustrated. Following is a list of the subjects covered:

Abutilon	Bouvardia	Eucharis	Lantana	Poinsettia
Acacia	Bromeliads	Eupatorium	Lapageria	Potting
Acalypha	Browallia	Euphorbia	Lawns	Primula
Acanthopanax	Bulbs	Ferns	Libonia	Rhododendron
Acer japonicum	Caladium	Fertilizers and Manures	Lilium	Richardia Africana
Achillea	Calamus	Ficus	Lily of the Valley	Ricinus
Achimenes	Calceolaria	Fittonia	Linum trigynum	Roses
Acrophyllum	Camellia	Floral Arrangements	Lobelia	Salvia
Adiantum	Canna	Freesia	Lysimachia	Santolina
Agapanthus	Carludovica	Fuchsia	Manettia	Sedum
Agave	Carnation	Fungicides and Insecticides	Maranta	Seed Sowing
Ageratum	Celosia	Gardenia	Martinezia	Selaginella
Allamanda	Centaurea	Geranium	Maurandya	Shading
Alocasia	Cheiranthus	Gladiolus	Metrosideros	Skimmia japonica
Aloysia citriodora	Chrysanthemum	Glazing	Mignonette	Smilax
Alternanthera	Cineraria	Glechoma	Mimulus	Soils
Amaranthus	Clematis	Gloxinia	Moon Flower	Solanum
Amaryllis	Cobea	Grasses	Mulching	Stephanotis
Ampelopsis	Cold-frames	Greenhouse Building	Musa	Stevia
Ananas	Coleus	Grevillea robusta	Myosotis	Stocks
Annua	Cosmos	Hardy Perennial Plants	Nepenthes	Store Management
A. hericum	Cotyledon	Hardy Shrubs	Nierembergia	Swainsona
Anthurium	Crinum	Heating	Oleander	Sweet Peas
Antirrhinum	Crocus	Hedera (Ivy)	Orchids	System
Aruncifolium distachyon	Croton	Hedge Plants	Othonna	Thunbergia alata
Aquatic	Cyclamen	Heliotrope	Oxalis	Torenia
Araucaria	Cytisus	Hibiscus	Packing Flowers	Tropaeolum
Ardisia	Dahlia	Hollyhock	Packing Plants	Tuberose
Aristolochia	Decorations	Hotbeds	Paeonia	Valotta purpurea
Asparagus	Decorative Material (Wild)	Hoya	Palms	Vases
Aspidistra	Decorative Plants	Hydrangea	Pandanus	Ventilation
Asplenium	Deutzia	Impatiens Sultani	Panicum variegatum	Veranda Boxes
Aster	Dianthus	Iresine (Achyranthes)	Pansy	Verbena
Astilbe japonica	Dracaena	Jasminum	Pelargonium	Vinca
Azalea	Drainage	Kalmia (sum)	Peperomia	Violet
Balsam	Easter Plants	Koeniga (Sweet Aly-	Perilla nankinensis	Watering
Bay Trees	Evacris		Petunia	Zinnia
Bedding Plants	Erica		Phlox Drummondii	
Begonia	Eriostemon		Phlox (Herbaceous)	
Bellis			Pinks	
Bottom Heat				
Bougainvillea				

Price, \$5.00, Prepaid by Express or Mail.

FLORISTS' PUBLISHING CO., Caxton Building, CHICAGO.

WATERTOWN, N. Y.—Greene & Underhill, the florists, have filed with the city clerk a claim for \$1,500 damages caused by their greenhouses being flooded through the overflow of the Munson street sewer, Feb. 9 and 13.

NOT TO BE IMPOSED ON.

"Joshua fixed our congressman."

"What did he do?"

"He wrote to him for \$3 so he could replace that garden seed that didn't grow."—Chicago Record.

SAMUEL S. PENNOCK. Wholesale Florist

{ Until further notice, will be open from }
6:00 a. m., to 11:00 p. m.

American Beauties and Valley Our Specialties. 1612-14-16-18 Ludlow St., Philadelphia, Pa.

Mention The Review when you write.

MILWAUKEE.

Easter sales were fully 25 to 30 per cent better than previous years, in spite of shortage of stock, especially carnations and lilies. The shortage in supply was greater than anticipated, due mostly to dark and cold weather the previous week. Thursday we had a snow storm, covering the ground with six to seven inches of snow. The weather redeemed itself, however, Saturday, too late to materially help the blooms along, but it was ideal weather for trade and excellent for delivery of plants, etc. Flower buyers were out in full force and dealers who laid in a large supply found little difficulty in unloading.

There were very few good lily plants to offer by the end of the week, as advance orders almost took the entire supply. Cut lilies were about equal to demand. With the exception of carnations, plenty of other stock could be had in small flowers, such as valley, hyacinths, tulips, violets, etc.

The sales of plants were large and most all the down town dealers were displaying a lot of azaleas, spireas, hyacinths, tulips and daffodils in pots and flats. Cinerarias, geraniums, lilacs, roses, mignonette and numerous other varieties also found a ready market. Reports up to this writing indicate that the trade in general with all dealers was very satisfactory and considerably beyond expectations.

GEO. W.

PITTSBURG.

Easter trade was very good here. Every florist seems to be pleased with the business done. They report stock cleaned up, with prices about the same as last Easter. More plants were sold this year than ever before, the weather being rather favorable and a good supply on hand.

Florists are not prepared to say whether they did more business than last Easter, but they all had all they could take care of. Fine weather the week preceding made flowers more plenty than expected. Carnations were about the scarcest of any flower. All in all, Easter trade was very satisfactory.

BAER.

NEW ORLEANS, LA.—The management of the Orphans' Flower Carnival, to be held May 24, 25 and 26 next, offer prizes of \$1,000, \$700, \$500, \$200, and \$100, for the handsomest decorated vehicles in the floral parade. Other features will be "The battle of roses," "The flower ball," and "The crowning of the flower queen."

PITTSBURG CUT FLOWER CO., Ltd. WHOLESALE FLORISTS.

Long Distance
Phone 2157.

CONSIGNMENTS SOLICITED.

No. 504 Liberty St.,
PITTSBURG, PA.

FLORISTS' SUPPLIES.

Write for Price List.

Mention The Review when you write.

Asparagus Plumosus

Cut Strings
8 feet long.
50c per string.

Nanus

Shipped
to any part
of the country.

W. H. ELLIOTT,
BRIGHTON, MASS.

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VEGETABLE PLANTS.

LETTUCE, Boston Market, Tennis Ball, Curled Simpson, Grand Rapids and other varieties, 15c per 100; \$1.00 per 1000; \$3.50 per 10,000, if by mail, add 10c per 100.

TOMATO, small plants for transplanting, in several varieties, 15 cts. per 100; \$1.00 per 1000.

PEPPER, small plants for transplanting, in several varieties, 25 cts. per 100; \$2.00 per 1000, if by mail, add 10 cts. per 100.

EGG PLANTS, New York Improved, for transplanting, 25c per 100; \$2.00 per 1000.

CELERY, White Plume and Golden Self-Blanching, 15c per 100; \$1.00 per 1000.

Other Vegetable plants in season. Cash with order.

R. Vincent, Jr. & Son, White Marsh, Maryland.

Mention The Review when you write.

EDWARD B. JACKSON, Wholesale Florist.

HARDY HERBACEOUS PLANTS ONLY.

In any quantity for the least money.

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Send 50c or \$1.00 for Samples and Prices of... ROSES

Am. Beauties, Perles, Kaiserins, La France, Brides, Maids, Woottons, Belle Seibrecht and Golden Gate. We believe in shifting Young Roses often. All stock offered in 2½-in. pots has been shifted from 2-in. and is equal to most stock advertised as 3-in., and when we send it out is well established.

GERANIUMS in 3 and 4-in. pots.

COLEUS in 2-in. and Rooted Cuttings.

Write GEO. A. KUHLE, Pekin, Ill.

Mention The Review when you write.

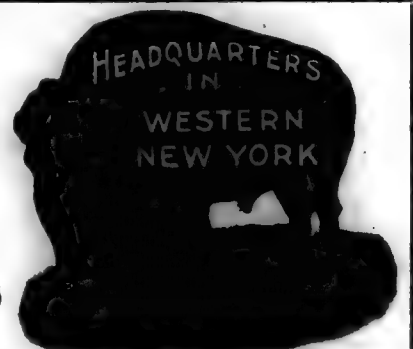
For Spring Planting. The Reliable new EVER-BEARING PEACH, also the ELBERTA and other choice varieties. JAPAN PLUMS, all the most approved sorts. Select assortment small fruits. Prices for above very reasonable. Address

MILFORD NURSERIES, - Milford, Del.

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GIVE US
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WE CAN
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YOU.

Roses,
Carnations
and all
kinds of
Seasonable
Flowers
in stock.



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A New Catalogue entitled Flowers and Floral Designs.

Twelve pages and handsome cover. Shows forty-one arrangements, with prices. For agents' use, or promoting out-of-town trade. Sample 40c in Stamps. Circular Free.

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Cut Flower Exchange,

404 - 412 East 34th St., New York,

NEAR THE FERRY.

Open Every Morning at 6 o'clock for the sale of CUT FLOWERS.

Wall space for Advertising purposes to Rent.
J. DONALDSON, SECRETARY.

CLEMATIS.

Coccinea and Crispa.....\$30.00 to \$45.00 per 1000

BULBS.

Zephyranthes Sulphurea (big yellow flower), \$6.00 per 1000. Milla, Bessera and others. Cacti and Cacti Seed. Send for prices.

WILLIAM TELL, AUSTIN, TEXAS.

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Gold Standard Value

Represents Quality of Stock Listed below.

25,000 2½-inch Roses, no finer stock grown. Brides, Perles, Meteors and Maids, \$3.00 per 100. Kaiserin and Golden Gate, \$4.00 per 100. Guaranteed satisfactory in every respect.

25,000 Carnations, strong, healthy, well rooted stock, sure to please. Lawson down to Lizzie McGowan. 25 leading up-to-date varieties. Standards, \$7.50 per 1000. Send for list.

Mammoth Verbenas, 20th Century collection. Rooted cuttings all sold. Strong 2-inch, ready May 1st, \$2.00 per 100; \$20.00 per 1000.

50,000 Dble. Fringed Petunias, Henderson's and Dreer's latest sorts. We all know that they lead the world. \$1.00 per 100, \$8.00 per 1000.

Alyssum, strong 2-inch, 2 cents.

Geraniums, sweet scented, strong 2½-inch, 2½ cents; strong 2-inch, 2 cents. Mme. Sallerol, strong 2-inch, \$2.00 per 100.

Ageratum, Princess Pauline, the only one to grow, \$1.00 per 100. Extra strong, 2½-inch, full of cuttings, \$2.50 per 100.

20,000 Pansies from \$10.00 seed, big plants in bud and bloom, \$1.50 per 100.

Fuchsias, 10 leading sorts, \$1.00 per 100; strong 2½-in., 3c; strong 2-in., 2½c.

Smilax, strong seedlings, 50c per 100; \$4.00 per 1000 by mail. Extra strong 2-in., \$1.25 per 100; \$10.00 per 1000.

Vincas, strong, 2½-in., Major and Variegata, 3c; strong, 2-in., 2½c.

Marguerites, New California Giant White, rooted cuttings, \$1.00 per 100; strong, 2½-in., \$2.50 per 100. New Golden, same price, rooted cuttings and pot plants.

Our wholesale descriptive list of Specialties mailed on application. Terms, strictly cash with order. Small packages by mail.

SOUTH SIDE FLORAL CO., - Springfield, Ill.

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ESTABLISHED 1802

THORBURN'S SEEDS

Florists are invited to send for our quotations on

**FORCING BULBS,
ROMAN HYACINTHS,
LILIUM HARRISH,
LILIUM LONGIFLORUM, etc., etc.**

We are large importers of
HIGH CLASS BULBS.

J.M. THORBURN & CO.

(Late of 15 John Street)

36 CORTLANDT STREET, NEW YORK

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PANDANUS VEITCHII.

Highly colored, 12 to 15 inches high above 6-in. pots. Choice stock. Price \$1.00 each; \$12.00 a doz.; also a few 7-in. at \$1.50 each, and 8-in. at \$2.00 each.

JOHN WELSH YOUNG,

Upsal Station, GERMANTOWN,
Penna. R. R. PHILADELPHIA, PA.
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GOOD STOCK THAT WILL Make You Money.

	Per 100
500 De Roo Mitting, 2½-in.	5.00
1000 Obconica, in bloom, 2½-in.	2.50
2000 Putunias, California Giants, single, 2½-in.	2.00
3000 Mme. Sallerol Geranium	1.50
30000 Coleus, our selection only	1.50
10000 Coleus, mixed	1.25
1000 Red and Yellow Irisines	1.50
1000 Alternanthera, red and large lvd.	1.50
5000 Forget-Me-Not	2½-in. 1.50
1500 Lobelia, Crystal Palace Gem	2½-in. 1.50
1000 California Moss	1.50
1000 Mesembryanthemum Erectum	1.50
2000 Begonias, Red Vernon, bedder	1.50
2000 Begonias, Pink Erfordi	1.50
2000 Begonias, Sandersonii	1.50

	Per 100
5000 Begonias, our selection, named 2½-in.	\$1.50
1000 Mums, Mme. des Granges, early white, 2½-in.	2.00
1000 Jerusalem Cherry	2½-in. 2.00
1000 Blue Daisy	" 2.00
1000 Fuschias, mixed	" 2.00
500 Vinca variegated, trailing	6-in. 20.00
1000 Vinca variegated and green, trailing, mixed, 2½-in.	2.00
10000 Verbenas, 10 choice named varieties, from 2-in. pots	1.25
1000 Begonias, flowering, named 12 varieties, 6-in.	10.00
1000 Hydrangeas Dr. Hogg	5-in. 15.00

THE MORRIS FLORAL CO., Morris, Ill.

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FIRST PRIZE for 50 American Beauties

AT THE AMERICAN ROSE SOCIETY EXHIBITION.

Plants from 2x3-inch Rose pots, \$6.00 per 100; \$50.00 per 1000.

JOSEPH HEACOCK, WYNCOTE, PA.

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Winter Flowering Roses....

GRAFTED AND ON THEIR OWN ROOTS.

—SEND FOR OUR PRICES—

J. L. DILLON, - - - Bloomsburg, Pa.

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Choicest Fruit and Ornamental Trees.

Shrubs, Plants, Bulbs, Seeds. 40 Acres Hardy Roses. 44 Greenhouses of Palms, Everblooming Roses, Ficus, Ferns, Etc. Correspondence solicited. Catalogue Free.

THE STORRS & HARRISON CO., Painesville, O.

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DAHLIAS BY THE THOUSANDS. Do you want the finest novelties, or are the older tested ones good enough? I have both, and they have taken the highest national honors. Am also headquarters for Cannas, Gladiolus and Paeonies. Write for catalogue and prices. **W. W. WILMORE, Dahlia Specialist, DENVER, Colo. Box 382.**

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E. G. Hill & Co.

Wholesale Florists,

RICHMOND, INDIANA.

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Fine Stocky Plants

	Per 100
Alternantheras, yellow, \$1.75 per 100; red	\$2.00
Oxalis floribunda, fine for vases	2.00
Coleus, 2 and 2½-in. pots, good assortment	2.00
Geraniums, 2½-in. pots, my selection	3.00
Geraniums, 3-in.	4.00
Centaurea Gymnocarpa, 2-in. pots	2.00
Ageratum, 3 varieties, 2-in. pots	2.00
Verbenas, 2½-in. pots, good varieties	2.00
Vinca Vines, 2 varieties, fine plants	3.00
Double Petunias, 3 in pots	3.75
Asparagus Sprengeri, May 1st	4.00
Smilax, 2-in. pots, May 1st, per 1000, \$8.00	1.00
Heliotrope, white and purple	2.50

CASH PLEASE.

**JOS. H. CUNNINGHAM,
DELAWARE, OHIO.**

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MAMMOTH VERBENAS.

Mammoth Verbenas, rooted cuttings, large stocky plants, coming in bud just right for spring trade. Plenty of red and pink if wanted, 50c per 100; \$1.00 per 1000. Potted plants in large bud, 2-in., \$1.00 per 100. Heliotrope rooted cuttings, dark blue, \$1.00 per 100. Lobelia in bud or with out bud, 3-in., \$1.00 per 100. Begonia Vernon, \$1.50 per 100. Write for prices on larger quantities. Satisfaction guaranteed. Send for sample.

SAMUEL WHITTON, 15-17 Gray Ave., UTICA, N. Y.

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Always mention the Florists' Review when writing advertisers.

HELLO, BROTHER! YOU'RE JUST IN TIME.

LOOK US OVER AND ORDER NOW.

One Hundred Thousand Cuttings.

	Per 100
Alternanthera, red and yellow, \$3.00 per 1000.....	\$.80
Achyranthes.....	1.00
Alternanthera, summer struck, \$9.00 per 1000.....	1.00
Anthemis Coronaria (Dbl. Yellow Marguerite).....	2.00
Ageratum, blue and white.....	1.00
" Princess Pauline.....	1.25
Alyssum (Double Giant).....	1.00
Begonia, Erfordii, Rex, Inc. Gigantia.....	2.00
Carnations, White Cloud.....	3.00
Triumph, Albertini and Flora Hill.....	2.00
Coleus, fancy and large leaf.....	1.00

	Per 100
Coleus, mix. col., \$5 per 1000.....	\$.80
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Forget-Me-Not (Winter Flowering).....	2.00
Fuchsia, assorted.....	1.50
" Sun Ray, variegated.....	4.00
" Trailing Queen.....	1.50
Geraniums, named.....	2.00
Mixed.....	1.50
Mrs. Parker (Dble. Pink Silver Leaf).....	4.00
Silver Leaf and Rose Scntd.....	1.50
Mme. Sallerol.....	1.25
Double New Life.....	4.00
Mars and Freak of Nature.....	3.00

	Per 100
Geraniums, Mrs. Pollock and Happy Thought.....	\$2.00
Bronze.....	1.50
Mme. Bruant.....	2.50
German Ivy.....	1.25
Heliotrope (purple & white).....	1.25
Impatiens Sultani.....	2.00
Lemon Verbena.....	1.50
Lantana, assorted.....	1.50
" Trailing.....	2.00
Lobelia.....	1.00
Manettia, bicolor.....	2.00
Salvia.....	1.25
Stevia Var.....	1.50
Tradescantia (tricolor).....	2.00
Vinca Var., extra strong.....	1.50
Verbena, \$6.00 per 1000.....	.75

PLANTS.

	Per 100
Anthericum, 3-in.....	\$8.00
Abutilon Var., trail'g, 2½-in.....	4.00
Begonia, Rex, assort., 2½-in.....	4.00
" named, 4-in.....	6.00
" " 4-in.....	10.00
Coleus, 2½-in.....	3.00
Fragrant Calla, 2½-in.....	\$1.50 pr dz.
" 4-in.....	\$3.00 pr dz.
Forget-Me-Not (Winter Flowering), 2½-in.....	4.00
Fuchsia, 2½-in.....	4.00
Geraniums, Happy Thought, 2½-in.....	4.00
Silver Leaf, 2½-in.....	4.00
Mrs. Pollock, 2½-in.....	4.00
Lemon Verbena.....	\$3.00, \$4.00, 6.00
Mignonette, 2-in.....	2.00
Manettia bicolor, 2½-in.....	4.00
Single Petunias, from Flats.....	1.50
Palm, Washingtonia filefera, 2½-in.....	4.00
Pansy Plants, \$8.00 per 1000.....	1.00
" 5.00.....	.80
Vinca, 2½-in.....	3.00

TERMS CASH OR C. O. D.

GREENE & UNDERHILL, WATERTOWN, N. Y.

Mention The Review when you write.

NEW CASTLE, PA.

If ever the drummer is out of season and out of place, it is during Easter week, and particularly during the last three days, when the harvest is on, and hustle and bustle seem the order of the hour. At such a time one had better keep out of sight, for no florist, be he ever so genial and sociable, cares to entertain the agent.

That the Easter of 1900 is a record-breaker is conceded on all sides. Everything sold, from the tiniest daisy to the mammoth azalea or hydrangea.

W. D. Fischer & Sons report the best trade they ever had, with supply barely keeping pace with the demand, although, in anticipation of a large trade, they were exceptionally well equipped to meet and supply all demands.

Messrs. Butz Bros. likewise report a rush, the like of which has never been known in the past. With a stock of roses that seemed more than enough for all purposes, they had barely enough with which to fill orders. Bulbous stock, azaleas, and all sorts of blooming plants sold exceptionally well.

DENVER, COLO.

Only a few members turned out at club roll Tuesday evening, April 10, but some good scores were made, Berry and Scott racing each other for high man, but it's a toss-up who is better.

	1st.	2d.	3d.	Av.
Berry ..	200	151	210	200 1-3
Bloy ..	178	237	142	185 2-3
Scott ..	203	199	244	215 1-3
Emerich ..	147	122	150	139 2-3
Zimmer ..	125	149	115	129 1-3
Valentine ..	...	162	156	159

PH. S.

SPRINGFIELD, ILL.—Easter trade for 1900 was all right. Everything from a rose to a geranium bloom went off like hot cakes at fair prices. There seemed to be just about enough stock to go around.

NEW CARNATIONS.

We are now ready to receive orders for strong rooted CUTTINGS.....

GEN. MACRO..... } \$1 per doz., \$6 per 100, \$50 per 1000.
G. H. CRANE..... }
GLACIER..... }
MORNING GLORY..... }

GEN. GOMER..... } 75c per doz., \$5 per 100, \$40 per 1000.
MRS. G. M. BRADT..... }

WHITE CLOUD..... } 50c per doz., \$4 per 100, \$30 per 1000.
GOLD NUGGET..... }

25 at 100 rate. 250 at 1000 rate.

We have Fine Large Stocks and will deliver only Fine, Strong, Well-Rooted Cuttings.

THE COTTAGE GARDENS, - QUEENS, N. Y.

Mention The Review when you write.

300,000 VERBENAS....

60 finest named varieties, including our new mammoth white, Mrs. McKinley, the finest white Verbena grown.

PERFECTLY HEALTHY. FREE FROM RUST.

Rooted Cuttings 80c per 100, \$5.00 per 1000.
Plants \$2.50 per 100, \$20.00 per 1000.

Our list is the choice from millions of seedlings. Send for list. J. L. DILLON, Bloomsburg, Pa.

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XX SHEEP MANURE

I have now on hand the cleanest and purest Sheep Manure that can be bought in the market. For reference I refer you to Henry F. Michell, 1018 Market Street, Philadelphia, Pa.

Also a large quantity of Hard Wood Ashes for sale by the bbl., ton or car load. Send for samples and price list. J. L. ELLIOTT,

625 Canal Street, Bethlehem, Pa.

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The FLORISTS' MANUAL

by WILLIAM SCOTT

Price, \$5.00 Carriage Prepaid.

Florists' Publishing Co., CAXTON BUILDING, Chicago.

Is a book of 324 large pages (same size as those of the Florists' Review), and contains about 200 articles on commercial plants and cultural operations, each giving "the meat" only, from the personal experience of a thoroughly practical man who is in daily touch with each department of the business and who has that rare quality of being able to tell others what they want to know. The articles are arranged alphabetically, like those in an encyclopedia, and in an instant one can turn to the subject upon which light is desired at the moment. The book is illustrated by over 200 fine half-tone engravings. It is

A Complete Reference Book for Commercial Florists

and is a whole library on practical commercial floriculture in one volume. It is very handsomely and substantially bound in half leather, with specially designed title in gold.

Genevieve Lord The Peer of All Light Pink Carnations.

but when put to the test of an exacting commercial fire, none will stand the test and bring in the returns like Genevieve Lord. Its color is the kind that sells at sight. Stem the best of any carnation. A perfect, non-bursting calyx. Beautiful distinct form. In fact it has nearly everything that is wanted in a pink carnation. Customers recognize it at a glance, describing it as "that beautiful pink on the long stem."

Prompt delivery after April 10th. Stock all sold prior to that date.

PRICES: Doz., \$2.00; 100, \$10.00; 1000, \$75.00

Catalogue free to all applicants, containing complete description of the above as well as all the big new ones, at introducers' prices; the best of last year's novelties and standard sorts, also a fine stock of new and standard sorts of chrysanthemums.

H. WEBER & SONS, - - OAKLAND, MD.

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Carnations

STRONG
WELL-ROOTED CUTTINGS.
SELECT STOCK.

	Per 100	Per 1000
G. H. Crane.....	\$6.00	\$50.00
Morning Glory	6.00	50.00
Gen. Maceo	6.00	50.00
Glacier	6.00	50.00
America	5.00	40.00
Gomez	5.00	40.00
Mrs. Geo. M. Bradt.....	5.00	40.00
White Cloud	4.00	30.00
Mary Wood	3.00	25.00
Mrs. F. Joost.....	3.00	25.00

AND OTHER STANDARD SORTS.

FIVE 1900 NOVELTIES

	Per 100	Per 1000
Mrs. Thos. Lawson	\$14.00	\$120.00
Ethel Crocker	10.00	75.00
Marquis	10.00	75.00
Olympia	12.00	100.00
Genevieve Lord	10.00	75.00

Send for descriptive price list.

F. DORNER & SONS CO.,
LA FAYETTE, IND.

Mention The Review when you write.

Extra Strong Plants of Joost, from Soll.

\$15 and \$20 per 1000, according to size.

Chicago Carnation Co., Joliet, Ill.

Mention The Review when you write.

COLEUS. ROOTED CUTTINGS.

Verschaffeltii, Golden Queen; assorted kinds, usual prices. **L. H. FOSTER, 45 King Street, Dorchester, Mass.**

Mention The Review when you write.

ST. LOUIS and RETURN, \$9.50 VIA THE WABASH ROAD.

On account of the annual meeting of the Presbyterian General Assembly, the Wabash Road will sell tickets as above, May 15, 16, 17 and 22, good to return until June 2, 1900, inclusive. Compartment sleepers and free chair cars. City Ticket Office, 97 Adams Street.

ELM CITY A Grand New Carnation White....

Seedling of Lizzie McGowan
and Mme. Diaz Albertini,
in its fifth year.

The flowers are large, finely shaped and of strong fragrance. Petals are heavy, of good substance and nicely fringed. Calyx is very strong, after the style of Mme. Albertini, and none bursting; the stem strong, holding the flower erect. The plant is a good grower and free bloomer, not subject to stem rot or any disease. **Rooted Cuttings \$1.50 per doz., \$10 per 100, or \$70 per 1000.** Cash with order. We shall prepay the express where money accompanies the order. Orders filled in rotation.

M. E. KRAUS, 320 Davenport Ave., NEW HAVEN, CONN.

Mention The Review when you write.

..ETHEL CROCKER..

30,000 Plants from soil for April and May delivery

Crocker has filled every claim made for it and is worth a trial by every grower who wants the Best Pink Carnation in the market. **25 for \$2.50; 100 for \$10; 250 for \$18.75; 1000 for \$75.**

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Freya and Fairy Queen.

Two good bedding novelties. Transplanted seedlings at \$1.00 per 100.

A few of my regular strain. Write for prices.

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Adonis, carmine with pure white throat, and Snowball, a pure white. They are always in bloom and a good plant for retail. **25 of each for \$1.00, or \$2.00 per 100 from 2-inch pots.**

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Flora Hill, White, Money Maker.....	\$2.00	\$15.00
Daybreak, Light Pink, Money Maker	2.00	15.00
Wm. Scott, Clear Pink, Money Maker	1.00	8.00

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12 Novelties of 1900. 27 Best Standard Varieties.

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Jubilee, White Cloud, Daybreak, Flora Hill and other standard varieties. Write for prices. We control the original stock of **MME. CHAPMAN** the Grand Rapids pink sport of D. B.

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CLASSIFIED PLANT ADVERTISEMENTS.

Rate for advertisements under this head, 10 cents a line net, per insertion. New advs. and changes must reach us by Wednesday morning at latest to secure proper classification in issue of Thursday.

ABUTILON.

Abutilon Savitzii, 2-in., 75c per doz.; \$6.00 per 100. S. T. Danley, Macomb, Ill.

Abutilon, var., trailing, 2 1/4-in., \$4.00 per 100. Greene & Underhill, Watertown, N. Y.

Six sorts, doz., 40c; 100, \$2.50. Good & Reese Co., Springfield, O.

Abutilon, mixed, 2 1/4-in., \$2.00 per 100. Morris Floral Co., Morris, Ill.

ACALYPHA.

Acalyphas, Mosaica and Marginata, \$3.00 per 100. Dickerson & Belden, Miami, Fla.

Acalypha Macafeeana, \$5.00 per 100. Storrs & Harrison Co., Box A., Painesville, O.

ACHYRANTHES.

Achyranthes, rooted cuttings, \$1.00 per 100. Greene & Underhill, Watertown, N. Y.

AGERATUM.

Ageratum, white and blue, rooted cuttings, 75c; flats, \$1.00; 2 and 2 1/4-in., \$1.50 per 100. Cash. Chas. S. Dutton, Holland, Mich.

R. C., blue and white, \$1.00 per 100; Princess Pauline, \$1.25 per 100. Greene & Underhill, Watertown, N. Y.

Princess Pauline and Tapis Blue, 2-inch, \$2.00 per 100. Cash. C. P. Dieterich & Bro., Maysville, Ky.

Ageratum Princess Pauline, the only one to grow. Extra strong, 2 1/4-in., \$2.50 per 100. South Side Floral Co., Springfield, Ill.

Ageratums, white, blue and Pauline, 70c per 100. Express paid. S. D. Brant, Clay Center, Kan.

Ageratum rooted cuttings, Princess Pauline, true, 20c per doz.; \$1.00 per 100. S. T. Danley, Macomb, Ill.

Ageratum, 3 varieties, 2-in., \$2.00 per 100. Jos. H. Cunningham, Delaware, O.

ALTERNANTHERA.

1000 Alternanthera Paronychioides Major, red; 1000 yellow, from flats, struck last September. They are strong, healthy plants, 75c per 100. Cash with order. J. F. Brown, Florist, Lock Box 5, Knightstown, Ind.

R. C., red and yellow, 60c per 100; \$5.00 per 1000; summer struck, \$1.00 per 100; \$9.00 per 1000. Greene & Underhill, Watertown, N. Y.

Alternantheras, Aurea nana and P. major, \$2.50 per 100. Williams & Sons Co., Batavia, Ill.

Rooted cuttings August struck. Aurea Nana, 60 cts. per 100; \$5.00 per 1000 prepaid. G. W. WEATHERBY, Chillicothe, Mo.

Alternantheras, fine, stocky plants, yellow, \$1.75; red, \$2.00 per 100. Cash. Jos. H. Cunningham, Delaware, O.

Alternantheras, red and yellow, \$3.00 per 1000, bushy plants, 2000 for \$5.00. Dickerson & Belden, Miami, Fla.

10,000 alternantheras; red and large leaved, 2 1/4-in., \$1.50 per 100. Morris Floral Co., Morris, Ill.

Alternantheras, red and yellow, 50c per 100; \$4.00 per 1000. C. Otto Schwabe, Jenkintown, Pa.

Alternanthera plants, 50c per 100. Cash please. Theo. Fuhr, Box 612, Alliance, Ohio.

Two sorts, doz., 30c; 100, \$2.00. Good & Reese Co., Springfield, O.

ALYSSUM.

Double Alyssum, rooted cuttings, \$1.00; flats, \$1.50; 2 1/4-in., \$2.00 per 100. Cash. Chas. S. Dutton, Holland, Mich.

Double giant, \$1.00 per 100. Greene & Underhill, Watertown, N. Y.

Alyssum, strong 2-in., 2c. South Side Floral Co., Springfield, Ill.

Large, double, 2-inch, \$2.00 per 100. Cash. C. P. Dieterich & Bro., Maysville, Ky.

R. C. sweet alyssum, \$1.00 per 100. Mrs. F. W. Poore, Haverhill, Mass.

Alyssum, Double Tom Thumb, \$3.00 per 100. Williams & Sons Co., Batavia, Ill.

Alyssum, double giant, \$1.00 per 100. C. Otto Schwabe, Jenkintown, Pa.

Little Gem, from seed bed; 100, 25c. Jerome Harley, Media, Del. Co., Pa.

Alyssum, \$1.00 per 100. Express paid. S. D. Brant, Clay Center, Kan.

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3-in., \$6.00 per 100. Greene & Underhill, Watertown, N. Y.

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ASPARAGUS.

Sprengeri, 2 1/4-inch, extra strong, \$5.00 per 100; 3-inch, extra strong, \$7.00 per 100; 4-inch, very fine, \$1.75 per doz.; 5-inch, very fine, \$2.50 per doz. Our Sprengeri are extra heavy stock with sprays a foot or more in length and should not be compared with young stock usually sent out. The Calla Greenhouses, Calla, O.

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Asparagus plumosus nanus, 2-in., \$5.00; 3-in., \$8.00; 4-in., \$15.00. Williams & Sons Co., Batavia, Ill.

Sprengeri, doz., 40c; 100, \$2.50. Plumosus nanus, doz., 50c; 100, \$4.00. Good & Reese Co., Springfield, O.

Sprengeri, 2 1/4-in., \$3.50 per 100; \$30.00 per 1000. John A. Doyle Co., Springfield, O.

Asparagus Sprengeri, May 1, \$4.00 per 100. Cash. Jos. H. Cunningham, Delaware, O.

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Azalea Mollis, dwarf, very large, heavily budded, \$35 and \$45 per 100. Standards, extra fine, heavily budded, \$75 per 100. Azalea Pontica, true to name, heavy plants, well budded, \$45 per 100. F. W. O. Schmitz, Jersey City, N. J.

Azalea Amoena, one of the choicest hardy, dwarf shrubs. Rooted cuttings, \$4.00 per 100 by mail; \$25.00 per 1000. From thumb pots, \$5.00 per 100; 3 1/4-in. pots, \$12.00 per 100. Samuel C. Moon, Morrisville, Bucks Co., Pa.

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Russelia elegantissima. Grand new graceful basket or vase plant, rapid grower, always in bloom. Strong 2 1/4-in. pot plants, 75c per doz.; \$4.50 per 100. The Calla Greenhouses, Calla, Ohio.

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Begonia, Gloire de Lorraine. Orders booked now for June and July delivery. Plants from 2 1/2-inch pots, \$17.50 per 100; \$140.00 per 1000. I have the largest stock of this valuable plant in this country. All home grown. Thomas Rowland, Nahant, Mass.

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Begonia tuberosa, single colors, separate. Per 100, English strain, \$3.50; Belgian, \$2.50. Double colors, separate, English strain, \$5.00; Belgian, \$4.00.

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Begonias, 2000 each of Red Vernon, Pink Erford, Sandersonii, 2 1/4-in., \$1.50 per 100. 5000, named, our selection, 2 1/4-in., \$1.50 per 100. 1000 named, 12 varieties, 6-in., \$10.00 per 100. Morris Floral Co., Morris, Ill.

Begonias, rooted cuttings, Erfordii, Rex, Inc. gigantia, \$2.00 per 100. Rex, assort., 2 1/4-in., \$4.00; named, 2 1/4-in., \$6.00; 4-in., \$10.00 per 100. Greene & Underhill, Watertown, N. Y.

Tuberous Rooted Begonias, extra selected, in separate colors, single, \$25 per 1000; \$3 per 100. Double, \$40 per 1000; \$5 per 100. F. W. O. Schmitz, Jersey City, N. J.

Begonia Rex, fine assortment, doz., 50c; 100, \$4.00. Best flowering sorts, doz., 50c; 100, \$3.50. Good & Reese Co., Springfield, O.

Begonia Rex and manicata aurea, \$5.00 per 100. Storrs & Harrison Co., Box A, Painesville, O.

Erfordii Begonia, best begonia for market and bedding, always in bloom, \$3.00 per 100. McGregor Bros., Springfield, Ohio.

Begonias, Vernon, Bijou, Rosea and Alba, 2 1/4-in., \$2.00 per 100; 4-in. pots, \$5.00 per 100. C. G. Nanz, Owensboro, Ky.

Begonia Vernon, \$1.50 per 100. Samuel Whitton, 15-17 Gray av., Utica, N. Y.

Begonias, 2 1/4-in., \$2.50 per 100. S. D. Brant, Clay Center, Kan.

BERRIED PLANTS.

1000 Jerusalem Cherry, 2 1/4-in., \$2.00 per 100. Morris Floral Co., Morris, Ill.

The Florists' Manual, by William Scott, is a whole Library on Commercial Floriculture.

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Just received. Fine stock of the following bulbs:

	Per Dozen.	Per 100.
Caladium Esculentum, 5 to 7-in. clr.	.50	\$3.00
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Caladium Esculentum, 12-in. and up.	2.00	15.00
	100.	1000.

Tuberose, Excelsior Pearl, 1st class, \$1.00 \$7.50
Tuberose, Excelsior Pearl, medium. .75 5.00
Send us your orders now. We also have complete stocks of Gladiolus, Cannas, Lilies, and all spring bulbs.

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Send for our quotations on Roman hyacinths, Lilliums Harrisii and Longiflorum, etc., etc. We are large importers of high class bulbs. J. M. Thorburn & Co., 36 Cortlandt st., New York.

Tuberose, 3 to 4 inch, should blossom this season, per 100, 60c; per 1000, \$4.50; 1 1/2 to 3 in., per 1000, \$3.00; 3/4 to 1 1/4 in., per 1000, \$2.00. Cash. F. A. Bolles, Lawnwood, Brooklyn, N. Y.

Warnaar & Co., late van Heemstra & Co., and Jac. Wezelenburg. Headquarters for Hyacinths, Narcissus, Tulips, Sassenheim, Holland. Ask for U. S. references as to quality.

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12 doz. extra nice Calla lilies in 4 1/2-in. pots at \$1.50 per doz. Satisfaction guaranteed. Cash. D. U. Augspurger & Sons, Peoria, Ill.

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Caladiums, fancy named sorts, extra large, bulbs 1 1/2 to 2 1/2 inches, \$2.50 per 10; \$20.00 per 100. Bulbs 1 to 1 1/4 inches, \$1.50 per 10; \$12.00 per 100. P. J. Berckmans Co., Augusta, Ga.

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The "Novelty" of Novelties for 1900. New—"Mrs. Kate Gray"—Canna. A magnificent hybrid resulting from a cross of ItalixMad. Crozy. The color is a rich shade of orange scarlet overlaid with gold, a superb coloring which in open sunlight is simply dazzling. The Form is an ideal of the Crozy type of bloom, the petals being very broad and overlapping, measuring 2 1/2 to 3 inches wide, while the individual flowers are from 6 to 7 inches across. The Texture of the flowers is all that could be desired; they partake of the nature of the pollen parent or Crozy race in this respect, and withstand our hottest summer suns without wilting. The foliage is a bright glossy green, equal to a Musa in size and substance and forms a beautiful foil to the gigantic trusses of bloom. The height of the plant is 6 to 7 feet, the growth is luxuriant to a degree, but very compact; the massive foliage, giant trusses, and enormous individual flower give the plant a noble tropical appearance. It is the only Canna of its kind in existence, and absolutely surpasses all others; its intrinsic value will make it a leading standard sort for years to come. Prices.—Strong roots, 35c each; \$3.50 per doz; \$25.00 per hundred. Terms strictly cash with order, no exceptions. Stock limited; orders filled with strict rotation. Address Howard & Smith, Nurserymen, P. O. Box 494, Los Angeles, Cal.

Cannas, strong, dormant and the best. Florence Vaughan, Alphonse Bouvier, Queen Charlotte, Chas. Henderson, each, \$3.00 per 100. Alsace, white, 5c. Cash please.

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Cannas, only the best varieties, mixed, 4-in., \$3.00 per 100; \$25.00 per 1000.

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Cannas, Austria, Queen Charlotte, Crozy, etc., pot plants, strong, \$4.00 per 100. McGregor Bros., Springfield, Ohio.

Cannas, 3 and 4-in., \$4.00 per 100.

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America ..	3.00	25.00
Melba ..	3.00	25.00
Leslie Paul ..	3.00	25.00
Gov. Griggs ..	3.00	25.00
Mrs. Bradt ..	2.50	20.00
Frances Joost ..	2.50	20.00
Evanston ..	2.50	20.00
Jubilee ..	2.00	15.00
Gold Nugget ..	2.00	15.00
Flora Hill ..	1.50	12.50
Triumph ..	1.50	12.50
Victor ..	1.50	12.50
Daybreak ..	1.25	10.00
Argyle ..	1.25	10.00
Armazindy ..	1.25	10.00
McGowan ..	1.00	7.50
Pingree ..	1.00	7.50
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G. H. Crane	\$3.00	\$50.00
Morning Glory ..	6.00	50.00
Gen. Maceo ..	6.00	50.00
Glacier ..	6.00	50.00
America ..	5.00	40.00
Gomez ..	5.00	40.00
Mrs. Geo. M. Bradt ..	5.00	40.00
White Cloud ..	4.00	30.00
Mary Wood ..	3.00	25.00
Mrs. F. Joost ..	3.00	25.00

And other standard sorts.

FIVE 1900 NOVELTIES.

Mrs. Thomas Lawson	\$14.00	\$120.00
Ethel Crocker ..	10.00	75.00
Marquis ..	10.00	75.00
Olympia ..	12.00	100.00
Genevieve Lord ..	10.00	75.00

Send for descriptive price list.

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Perpetual blooming hybrid carnations. Cross ings between Marguerite and Remontant. They are what we can recommend as truly summer flowering varieties; they begin to bloom in the field in July and continue until frost sets in; flowers medium size, growth very rapid. Can offer them in 10 varieties, in as many different colors, at \$5.00 per 100, by express, from 2 1/2-in. pots, or the set of 10 varieties, R. C., for 50 cents, by mail. Ethel Crocker, the best pink carnation, well established plants, from 2 1/2-in. pots, \$10.00 per 100; R. C., \$8.00 per 100. C. Elsie, 11th and Jefferson sts., Phila., Pa.

Carnations. The best of existing varieties. Maceo, Crane, Morning Glory, \$6.00 per 100; \$50.00 per 1000. Gomez, Bradt, Melba, \$5.00 per 100; \$40.00 per 1000. White Cloud, \$4.00 per 100; \$30.00 per 1000. Mrs. James Dean, New York, \$3.00 per 100; \$25.00 per 1000. Scott, McGowan, \$1.50 per 100; \$12.00 per 1000; Ethel Crocker, \$10 per 100; \$75 per 1000; Olympia, extra strong, from soil or pots, \$12.00 per 100. Genevieve Lord, extra strong, from soil or pots, \$10.00 per 100.

The Cottage Gardens, Queens, N. Y.

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New Carnation—Alma. The most productive carnation we have. Rose Pink, new, \$5.00 per 100; \$40.00 per 1000. Daybreak, \$2.00 per 100; \$15.00 per 1000. Wm. Scott, Genesee, Evelina, Portia and Bon Ton, \$1.50 per 100; \$10.00 per 1000. Victor, \$1.50 per 100; \$12.00 per 1000. F. Hill, \$1.75 per 100; \$15.00 per 1000. White Cloud, \$2.50 per 100; \$20.00 per 1000. Jubilee, \$2.00 per 100; \$15.00 per 1000.

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From 2 1/4-inch pots.	100.	1000.
Lizzie McGowan	\$1.50	\$9.00
Mrs. James Dean ..	2.00	
John Young ..	2.00	
Triumph ..	2.00	
Jack Frost ..	2.00	
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Elsie Akehurst ..	5.00	40.00

Cash with order, please.

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Ethel Crocker	\$10.00	per 100
The Marquis ..	10.00	per 100
G. H. Crane ..	5.00	per 100
White Cloud ..	2.50	per 100
Mrs. Joost ..	2.00	per 100
Victor ..	1.25	per 100
Daybreak ..	1.25	per 100

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Elm City, a grand new white carnation, seedling of Lizzie McGowan and Albertini, in its fifth year. The plant is a good grower and free bloomer. Rooted cuttings, \$1.50 per doz.; \$10.00 per 100; \$70.00 per 1000. We prepay the express when money accompanies the order. M. E. Kraus, 320 Davenport ave., New Haven, Conn.

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James E. Beach, Box 778, Bridgeport, Conn.

Big cut to make room; good, clean rooted cuttings, Peach Blow, Scott, Bridesmaid, Rose Queen, 75c per 100; \$6.00 per 1000. Flora Hill, Jubilee, Triumph, Kohinoor, \$1.50 per 100. Albertini, Armazindy, Emily Pierson, \$1.25 per 100; any of above from 2-in. pots, 50c more. Cash with order.

Logan Ave. Greenhouses, Danville, Ill.

Well-rooted Carnation Cuttings. Clean stock. McGowan, \$1.00 per 100; \$8.00 per 1000. Victor, \$1.25 per 100; \$12.50 per 1000. Flora Hill, \$1.25 per 100; \$12.50 per 1000. White Cloud, \$2.50 per 100; \$20.00 per 1000. Cash with order. L. R. Hancock, Lock Box 691, Burlington, N. J.

Genevieve Lord, the peer of all light pink carnations. Prompt delivery after April 10. Stock all sold prior to that date. Price, \$2.00 per doz.; \$10.00 per 100; \$75.00 per 1000. Write for catalogue giving full description.

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Carnation cuttings now ready. Jubilee, White Cloud, Daybreak, Flora Hill, and other standard varieties. We control the original stock of Mme. Chapman, the pink sport of Daybreak. Crabb & Hunter, Grand Rapids, Mich.

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Rooted cuttings from fine stock. White Cloud, \$2.50 per 100; \$20.00 per 1000. Triumph, \$2.00 per 100; \$15.00 per 1000.

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Rooted cuttings McGowan, 75c per 100; \$6.00 per 1000; Scott, \$1.00 per 100; Hill, Daybreak, and Webb, \$1.50 per 100.

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Carnation plants. From flats, clean: Scott, Daybreak, \$1.20 per 100. Flora Hill, \$1.50 per 100. McGowan, \$1.00 per 100. Cash with order.

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Ethel Crocker. 30,000 plants from soil for April and May delivery, 25 for \$2.50; 100 for \$10.00; 250 for \$18.75; 1000 for \$75.00.

A. M. Herr, Lancaster, Pa.

Rooted Cuttings of all the new and standard varieties of carnations. Send for price list. Wm. Swayne, Box 226, Kennett Square, Pa.

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CARNATIONS—Continued.

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1 1/4-1 1/2 in. cal., 10-14 feet	\$35.00
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Crimson Rambler	Papa Gontier
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Impatiens Sultana and Tradescantia, tricolor, \$2.00 per 100. Fragrant callas, 2½-in., \$1.50; 4-in., \$3.00 per doz. German Ivy, \$1.25 per 100. Mignonette, 2-in., \$2.00 per 100.
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Six bales, \$5.00.

Ten bales, \$7.50.

Write for prices on large quantities.

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We gather our moss and it is the best to be had. Bales, 4½ feet long, 18 inches wide and 20 inches deep, weighing when well dried 40 lbs., 80 cents per bale; 10 bales, \$7.00. Green moss, \$1.00 per bbl.

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NEBRASKA'S BEET SUGAR CROP.

The officials of the Chicago, Burlington & Quincy railroad have been collecting some information concerning the sugar beet industry in Nebraska.

Some difficulty was encountered early in the season in securing a sufficient acreage for the two large factories there. But the final result was an acreage sufficient to meet all requirements.

The weather conditions early in the season were favorable for planting and cultivating the beet, so that a good stand was secured. The crop matured in excellent condition, and is making a very large yield.

The factories at Grand Island and Norfolk began operations about October 1, and are making a successful run,

with a prospect of a larger sugar output than in any preceding year.

The price paid to the farmer usually is \$4 a ton, but the very good quality of this season's crop will secure \$5 a ton. The output of the factories in the state this season is estimated to be about 25,000,000 pounds.

"ANTE."

In a Greenfield, Mass., cemetery was recently seen a new made grave with a floral tribute upon it bearing the word "Ante." Sporting men who saw it wondered how much they must "ante" up for the sight. On inquiry it was found that a florist had been instructed to prepare an emblem with the word "Auntie" upon it, and this was the result, which he brought in at too late a moment to rectify, but claimed that it was all right, as he had "looked in two dictionaries and they both spelled it that way."—Templeton (Mass.) Recorder.

BOTANY.

A meeting of the Vermont Botanical Club was held recently at Burlington, Vt. In the program we note there was a discussion of the question, "What Is a Species?" When the botanists have to argue the question, what hope is there for a poor florist?

Another number on the program was: "The Dehiscence of the Sporangium of Pteris Cretica." Every florist should at once post himself on the manner in which the aforesaid sporangium "dehisses," or he may make a miscue with his next batch of the fern named.

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WANTED—A good all-round grower. Geo. Walthers, 6436 Lowe Ave., Chicago.

WANTED—Two good men for all-round greenhouse work. Sam'l Muir, 3530 Michigan Ave., Chicago.

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A fine farm of 439 acres of rolling land, under cultivation. A fine dwelling, good water, plenty of fruit trees. An excellent opportunity. Write for particulars. Price \$5,500 00.

A large plant situated in a large town in Ohio. 60,000 feet of glass. A modern place fully equipped and stocked. Three dwellings; city store, furniture and equipments. Reasons for selling and price will be furnished on application.

Any of the above named properties is a bargain and those desiring to purchase will do well to communicate with us. These are only a few of the properties that we have for sale and leasing.

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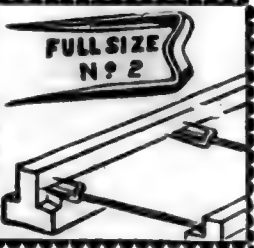
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G. L. GRANT, EDITOR AND MANAGER.

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520-535 Caxton Building, Chicago.

334 Dearborn Street.

Subscription, \$1.00 a year. To Europe, \$2.00. Subscriptions accepted from those in the trade only.

Advertising rates: Per inch, \$1.00; 1/4 page, \$13.50; full page, \$27.00. Discounts: 5 times, 5 per cent; 12 times, 10 per cent; 26 times, 20 per cent; 52 times, 30 per cent. Discounts allowed only on consecutive insertions. Only strictly trade advertising accepted. Advertisements must reach us by Tuesday to insure insertion in the issue of the following Thursday.

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Mr. Scott's superb work, "The Florists' Manual," was indeed worth waiting for. When compared with the amount of practical information it contains, the selling price, \$5.00, seems a mere bagatelle.

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JOHN THORPE.

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M. S. WORDEN.

North Adams, Mass.

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GEO. S. OSBORN.

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After reading this book carefully, I am greatly pleased, and wish to congratulate you on the practical manner with which you have treated the subject.

This book is placed where it will be accessible to all of our greenhouse employees, where this board expects to reap a reward many times the cost of the book. Respectfully yours,

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Joliet, Ill.

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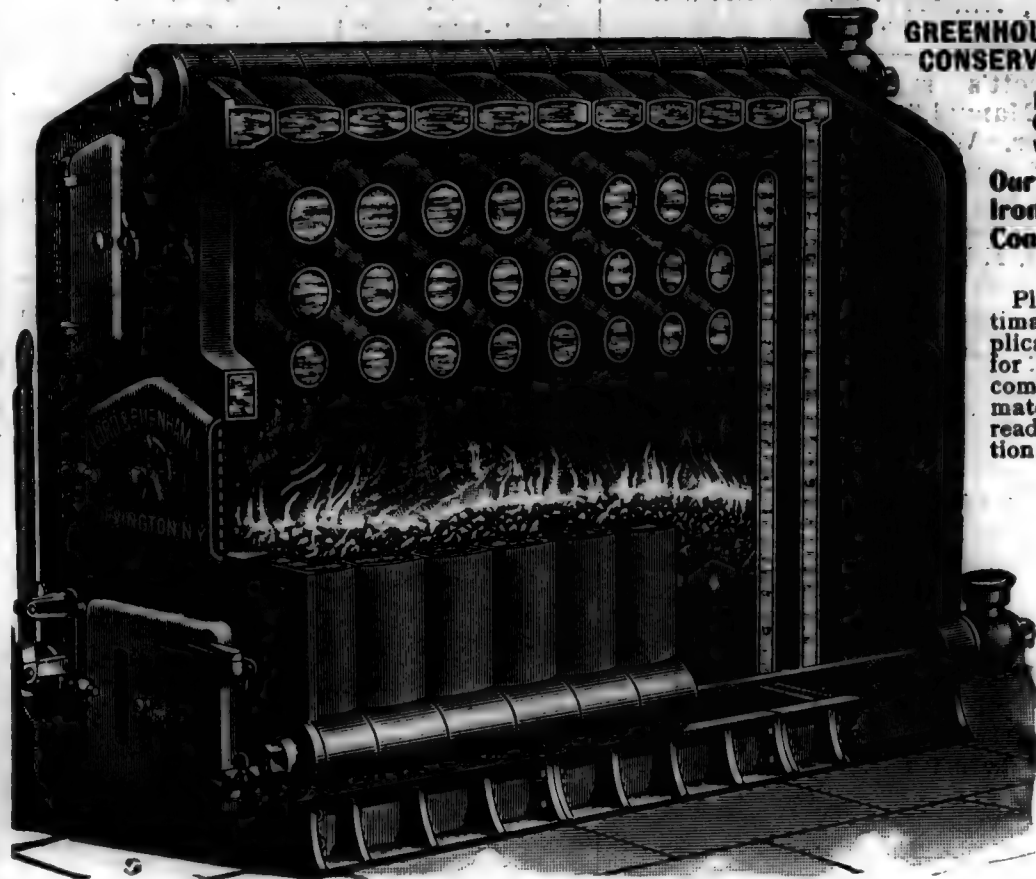
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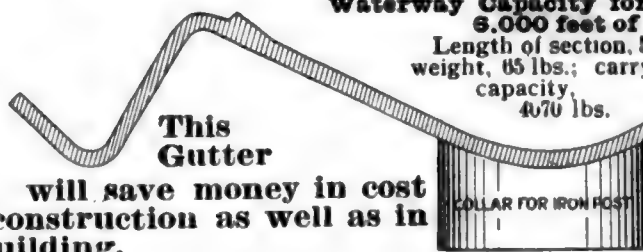
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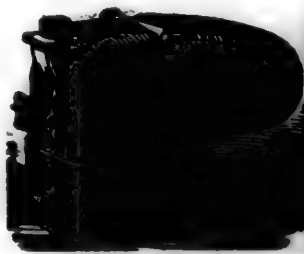
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HENRY A. DREER, 714 Chestnut Street, PHILADELPHIA, PA.

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THE RETAIL FLORIST

Some Easter Lessons.

Things heard, seen and thought of during the Easter rush will not be out of place to discuss now, for if there be any merit in a thing it is good at all times. The wise will be always willing to learn and the best lessons are often purchased by experience. Events like Easter afford the florist an opportunity to show his artistic and business ability, and this should not be measured by the volume of business done, but in the manner in which permanent effects have been catered to or assured, for it is good to consider quality as against quantity in all things and weigh ultimate accomplishments.

To the fakir we have nothing to say, his success is due principally to the cheap or shoddy element in human nature, and though at times he may intrude upon or occupy the place of the legitimate business man, some small circumstance may remove his temporary prosperity like the wind would blow away chaff. The solid business man or woman must adopt different methods to success. Their aims are not merely for temporary but for permanent results. Their business, like the towering building, is raised by perseverance and the careful usage of measured thought and act. Yes, 'tis true, some have built greenhouses and opened stores and won apparently flourishing trade on nothing, neither money, ability nor effort. It is hard to account for some things; but there is no glory won by results of lethargic payments of obligations, and whether they occupy glass palaces or not they are but fakirs who pay but seldom or not at all for the goods they buy; that is really the only way to judge, for any one can buy, not all can pay.

Don't misjudge us, our sympathies are with the poor and struggling whose very intention is worth the actual deed of others. We refer to the proud, false, glittering objects which leave nothing behind except execrations and regrets. You had the efforts of these to deal with at Easter time, and the best way to combat evil influence is to be careful of your own actions. Popularity is everything to a

business nowadays, and this can be won in several ways. The easiest and cheapest is to appear pleasant on all occasions; no one likes to deal with a gruff or sour person, and many a time and oft, as most of you know, customers will come long distances to you, not because they could not do better nearer home, but for some reason even you cannot explain; therefore, the greatest care should always be used to give satisfaction.

Unfortunately at busy times regular customers are compelled to put up with much indifference, many times with neglect, and their tolerance and good nature should be rewarded. Small orders are often forgotten in the great hurrah, and there will be numerous justifiable complaints which should receive careful and generous attention.

Many of you have plants left over from Easter which could have been placed to good advantage before you closed on Easter Sunday. In most

cases it is bad to send plants gratis to any one, if the impression is imparted that you would not have given them if you could have sold them. Opinions thus created are only capable of bearing contempt. There's a nice way of avoiding many unpleasant things by timely consideration. It is difficult, we know, to attend to every detail and have everything successfully done at a time like Easter, but you should profit by the lessons given, remembering that it is not always the quantity of help but rather the quality and system that accomplishes best results. There is a great deal done when proper preparations are made. The trade is much divided on many small matters; it is a case of many men, many minds, yet the system which reduces labor and expedites business should be adopted.

Now in the matter of "order" or "day" books versus order pads, there is much to discuss. We prefer the printed order pad of a size convenient for the pocket. There should be no lines on it and only a few words printed, such as "ordered by" on top and "sent to" above where the address is put at the bottom. The simpler the order sheet the better, for in a rush you have no time to conform to lines or fill in examination-like blanks. Files are cheap and are of great convenience and preservative value. You need only three or four in actual warfare. Pin the card, if any, on the order sheet and put it on the "order file" face up. When you enter that order in your account book write out the address tag also, and mark the order sheet, in blue pencil, a. m. or p. m., and the day it is for. Put that on the checked file, or you can dispense with entering in the book till the rush is over, but



Store of Aldred & Co., New York, at Easter.

it is good to have your bookkeeper do the sorting out and addressing at the same time, and when on Easter or Christmas eve your cut flower or plant man starts to fill orders, a file, on which the orders are placed in proper rotation, should be handed him with another upon which to put his executed ones when properly marked. This simplifies his work and will enable him to do several times the amount of work done by those who have to refer to books and bother writing tags with every order. In this way, too, delivery routes can be arranged; nothing should be handled twice if the same result can be reached

the plant and place it in the section it belongs. We repeat again that every florist should send out a leaflet giving cultural directions with every plant, and the utmost precaution should be adopted to insure careful delivery.

We saw many deplorable sights among plants this Easter. The flowers were battered or completely destroyed; it is safe to say that more than 25 per cent of plants and flowers sent out on an occasion like this are utterly worthless when delivered; this not only causes much chagrin but greatly injures the trade. Your tag should never be on anything you

to make up the violet orders and deliver them by special wagon to insure their being delivered in time for church Easter Sunday. Violet tinfoil destroys the sweetness of violets and looks cheap, besides; if the stems must be covered either twist the ribbon round them or use the small lace handkerchief. The most important thing connected with the violet is its fragrance. The best cut flower boxes seen were the rich plain ones. Some pretty boxes were those with a spray of flowers in the center of the lid. The colored paper and cheap wallpaper effects are in disfavor.

The supply of good plant baskets, especially pot covers, ran short. It was impossible to get any on Saturday. Some abominable and trashy colors were among those offered; you couldn't match them in a rainbow. Will some one invent a good cheap class of pot covers, also a wool cap for the protection of lilies? The things which were plain and had quality sold best. All seem satisfied with the business done. It's a pleasure to read the reports from all over the country.

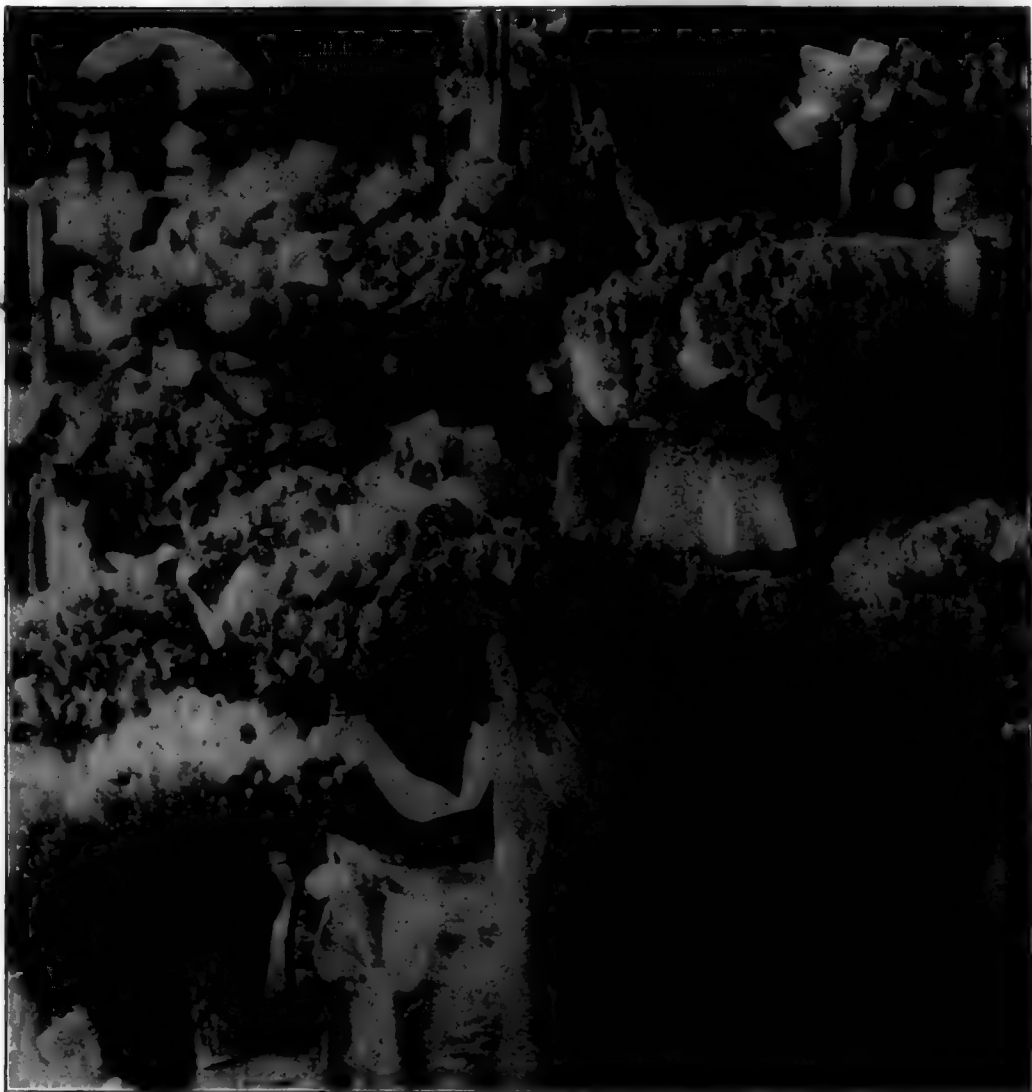
Trailing arbutus is being sold on the streets and in the stores. When this beautiful little flower appears spring's warm smiles have succeeded in drying winter's cold tears. IVERA.

NEW YORK STORES AT EASTER.

We have much pleasure in giving you glimpses of some New York florist stores, taken specially for these columns on Easter Saturday. Pictures speak better than words sometimes. Our instructions to the artist were to procure illustrations of groups of "made-up" work, showing the different styles, rather than of extensive displays, consequently we would ask you to look upon these as representative detail work, not of quantity of stock, which was something enormous! Then again, owing to the rush of people, it was impossible to either obtain many desirable pictures or do justice to those presented. Broadway and the principal avenues of New York are busy places on Saturdays, and we wish to thank all for the courtesies extended.

We were pleased to note that most of the first-class stores did not use any crepe papers this Easter. Baskets and ribbons were the only forms of decorations used; the best element will have none of the dresses which turn a florist's store into a paper doll shop. The cheaper stores of course still had their rolls of paper, and the combinations seen in the delivery wagons on Saturday and Sunday were enough to make an automobile run wild.

These views show but a few of the principal stores in the center of the city, but they are sufficient to represent the typical up-to-date American flower shop, and there is no possibility of comparison with them in any city of Europe. Very much of the work turned out this Easter was very creditable—in fact, a great advance on



Baskets in Fleischmann's Window.
New York Stores at Easter.

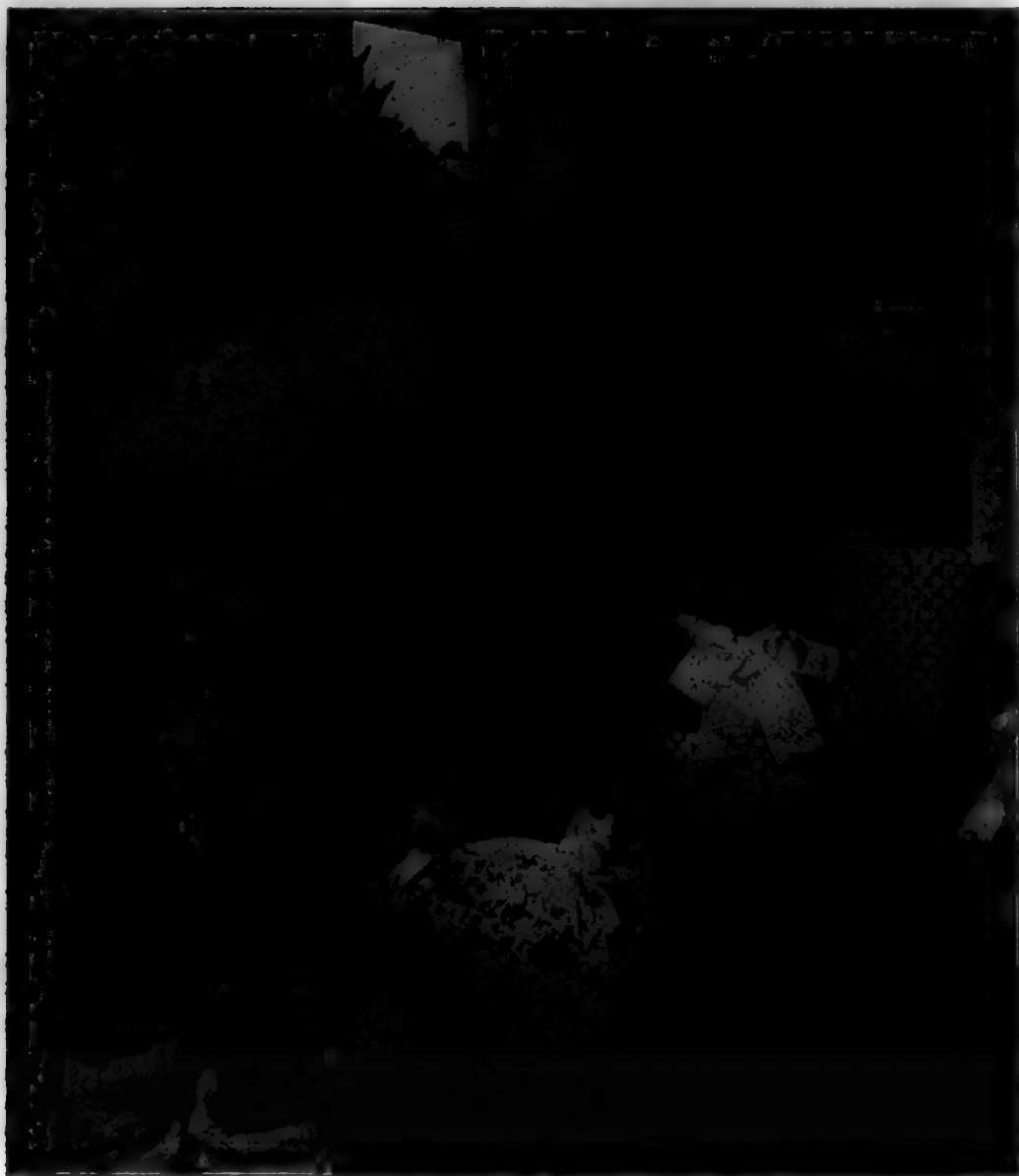
by doing it once. Cool calculation will profit you more than nervous prostration. It is better to stop a moment and think than to become frenzied and make errors.

Try to keep your plant orders and accounts separate from your cut flowers, for two reasons: You will the more readily see which pays best, and cut flowers as a rule are more urgent in delivery than plants; it is a great trouble to separate them when late. One of the best ways to do with plants is to prepare them for delivery immediately after being sold. By this we mean put the card and tag on at once, hand them over to the shipper, who may wrap paper around the bottom of

would be ashamed to acknowledge as yours, and everything sent out at any time, particularly in a case like this, should be done in a way to give satisfaction, because that is the best method of advertising your business.

In regard to cut flowers, it will pay you to have some one specially detailed to take care of the stock, put it in water and keep it from being mauled about; much of the profit is often wasted by carelessness in this way. These observations are always in season with the florist. The rules which are good for Easter are good any time; it is only a matter of expansion.

A few New York florists have a man



A Corner in Stumpp's Store.
New York Stores at Easter.

that of other years. The quality of many varieties of plants was much finer, and that of itself may have decreased over-elaborateness of dressing. Each store endeavored to have something different from the other and many of them succeeded admirably.

Thorley had his lilies in ordinary plant pots which were painted a bright yellow; saucers were furnished and painted similarly; bows of yellow ribbon were tied half way up the lily stalks. His window in the early part of the week was entirely composed of lilies thus treated, and it was rather striking and distinct. Painted pots promise to be popular in future; perhaps the pot-makers may wake up and give us something good and cheap which will dispense with store botherations.

But let us discuss the pictures and what they teach; if we criticise adversely, remember it is only in the interests of education; that is the only reason we present them.

No. 1 is a view of some of the baskets arranged in Fleischmann's window. The center is the new birch-bark basket which was quite popular this Easter. Paper trimmed baskets are in the rear. Both gauze and taffeta rib-

bons are used on the plants shown and you will notice a round card price tag instead of the ordinary wooden label. Mr. Fleischmann's work was better because it was less artificial than we have seen it for some time in his store, and the comparisons even in this picture will be enough to convince.

No. 2 shows Stumpp's style of Easter work. The crepe paper fad, though distinctly of French origin, can be said to have been introduced to New York first from this store. Now you will notice that their best work is confined to baskets, and very well and rich it looks. Satin ribbons and silk tasseled cords are used to good effect, and you will also notice the card price tag, which has also a dry goods tinge to it. We don't believe in any sort of price tags on plants because they are generally left on.

No. 3 is a very good picture of Thorley's window, showing hampers filled with growing violets and baskets of mixed plants. The handles are twisted and tied with taffeta ribbons to match the flowers. No papers were used here.

IVERA.

(Other views will appear next week.
—Ed.)

WINTER FLOWERING PLANTS.

"Young Florist" writes: "Please give a list of plants which flower constantly during the winter, such as *Primula Forbesii*, *mignonette* and *forget-me-not*. Also the main cultural points, so as to have them ready for blooming early in the winter."

To do justice to this question would take a volume, and I can only mention what occurs to me as the "cut and come again" flowers that are useful to the florist. First, there are the three leading flowers of our business, the rose, carnation and violet, the cultivation of which has been written up a thousand times and still going on. That important class known as bulbous is made continuous by successive crops, beginning with paper white narcissus and Roman hyacinths in November, and lasting till we get the gay tulips outside in May. The longiflorum lily and its varieties we constantly have by bringing on consecutive batches.

Among the continuous blooming plants that are available for cutting we have *Bouvardia*, propagated in February, flowering from November to May; *mignonette*, sown in July, flowering from November till late spring; sweet alyssum, planted in the houses in August, continuous throughout the winter; *Primula Forbesii* and *P. obconica*. Of the latter there are now some splendid strains. Sown in May, they flower from November throughout the winter. Zonal geraniums, plants selected in April, shifted on and not allowed to flower till October, flower continuously for many months. *Stevia serratifolia* is invaluable for Christmas, but it is only one crop.

Many of the abutilons flower profusely through the winter, but it is only in designs that their flowers can be used. *Antirrhinums* are most useful decorative plants. Sow in April and keep in flats or pots and plant out in cool house in August. *Begonias*: Of this large and beautiful genus there are scarcely any that would pay to grow for cut flowers. We find the most useful to be what we know as *incarnata grandiflora*, but there is but one cutting, though most useful at Christmas and later. Propagated in March, the calla lily (*Richardia*) blooms well in pots from October to May, and since the *Harrisii* are so much affected with disease there is an inclination to grow more of them. *Chrysanthemums* can now be had from October 1st to New Year's.

Cyclamen are not only the most beautiful of pot plants, but their flowers are equally useful and are not out of place among the choicest flowers. Sown in November, they flower from November to April. The *Marguerites*, or Paris daisies, flower from November on till spring, if kept cut, and are graceful and pretty. *Heliotrope* is liked by all, but the only way to grow it profitably to cut is to have a large plant at the end of a house and cut or spur it back as you would a grape

vine. The calendula or marigold will give you its gay orange flowers during the winter, but it is rather coarse and common. Sow in August or lift plants from open ground and plant on bench in September.

Pansies are always in demand in winter, but difficult to bloom in dark weather. Very good up to December 1st and from first of March on. Swainsona flowers profusely during winter. Should be grown in pots or tubs where roots are confined.

I have not included such plants as lilac or spiraea, which can only be forced for one crop.

Now, as before said, the detailed directions for the cultivation of the above, although in most cases very simple and well known, would occupy more time and space than I can afford, and I respectfully refer "Young Florist" to "Scott's Florists' Manual."

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MISCELLANEOUS SEASONABLE HINTS.

Herbaceous Plants.

Florists who grow herbaceous plants will be busy with orders just now. There is no time more favorable than the next ten days for transplanting nearly all herbaceous plants. Most of them divide with the greatest ease and can be divided ruthlessly with a sharp spade. Although that large class of plants known as herbaceous, of which we can take the paeonia and phlox as familiar types, are thought to be about everlasting, yet they wear out in the contest and they must continually spread and make more crowns or there would soon be no flowers, so they are all benefited by lifting and dividing every five or six years.

You cannot make the ground too deep or too rich for all this class of plants and if the best results are wanted give them room. An exception to propagating by division is the beautiful herbaceous pyrethrum, *P. hybridum*. They are perhaps the most useful of all this class of plants to the florist who has use for the flowers. When they have made a growth of two or three inches, if strong plants they send up innumerable shoots. Rob each plant of a few cuttings. They will root in sand in a frame or house, but a mild hotbed is the most favorable place. Grow them along in 4-inch pots till September, when you can plant them out. They are very hardy, but do not always live when pulled or cut in pieces. They take up little room in the garden and their beautiful flowers are admired by all.

Achillea The Pearl divides easily and is always useful and lasts a long time in flower. The splendid hybrid delphiniums you can't be without. If it is only to decorate your store windows they are most desirable. There may not be much money in these hardy garden plants to the high toned store florist, but they are most useful for a

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The best azaleas we had, particularly the Dr. Moore, were plants that we had carried over precisely the same as described above. Mind, in the fullest sun, no shade of any kind, they don't want it. I mention Dr. Moore because this variety is often a poor bloomer the spring after being imported, but when grown here a season it is a grand variety, and its beautiful rosy

pink is much more pleasing than the great favorite, Mme. Van der Cruysen. Edmond Vervaine, Prof. Wolters and Bernhard Andreas alba were other varieties that were very fine after a year's growth with us.

If the azaleas are large and in good health, shorten back last year's growth about one-half. If the plants were much abused and not very strong cut them back still harder. The wood of two years' growth will make any amount of breaks. Encourage by syringing and a genial heat a good growth and they will do nicely indoors till you are over your bedding plant rush, which is usually the middle of June.

Sometimes one watering in twenty-four hours is not enough in our blistering sun and they must not be neglected, nor must they be stood in a frame where during a wet spell they would be standing in an inch or two of water, for that for many hours would be fatal. Thrip and red spider trouble azaleas in hot weather, but a daily syringing given to them hard and horizontally seems with us to entirely keep down these pests.

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Thorley's Window.
New York Stores at Easter.

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Pelargoniums.

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If you do grow the show pelargoniums this is the time of year they will be opening their buds and now it is that you must not let the fire out and have a damp, cool atmosphere or the petals will drop in one single night. Keep a fire going even if you have to give air. And frequent but mild fumigation is most necessary or else the story will be: "My Martha Washington is covered with them a'r nasty lice." WILLIAM SCOTT.

CARNATIONS.

At a little adjourned session after the last meeting of the Chicago Florists' Club, President Hartshorne, W. N. Rudd, P. M. Broadbeck and Walter Retzer exchanged some interesting experiences and the writer took the liberty of making notes.

Mr. Hartshorne said that he had a house of carried over Bradts that had been doing very much better than the young plants. They had been replanted in fresh soil, but kept under glass all the time and they had produced much more freely than the young plants, the blooms being of extra quality, too.

Referring to seedlings, he said that from one pod he had recently taken 73 seeds, much the largest number he had ever secured from one pod. He wondered what had caused that pod to produce so many seeds. Mr. Rudd said his foreman had an idea that in cross-fertilizing it increased the number of seeds to thoroughly plaster the stigma with pollen. Mr. Retzer thought the amount of pollen would have little effect, only it might be that ordinarily there was much of the pollen that was not at the exact degree of ripeness and by using a good deal there was greater certainty of having enough pollen grains that were at the right stage to be effective.

Mr. Rudd said that he was growing two carnation plants for every one that he expected to bench, with the intention of having a big batch from which to select only the very best plants. He observed last season that the plants that had been in extra good shape when put on bench had paid a vast sight better for the space occupied and he was sure it would pay well to grow enough to have all extra select for benching even if he had to throw away the unused ones.

Next year he will carry this idea still further by marking the best plants and taking cuttings from them only. He believed that the success of certain well known growers of extra high grade flowers was largely due to careful selection of the cuttings first and the plants afterwards.

The difference in the cut from the extra select plants was very noticeable at Christmas, when prices ruled the highest. He felt it was a mistake to rob the blooming plants of cuttings. In the case of Maceo especially he felt sure that every cutting taken early in

the season meant the loss of a bloom later on.

Mr. Hartshorne had noted that Mrs. James Dean would stand much stronger feeding than other varieties and told of how through an error a double dose of nitrate of soda had been given, the results proving decidedly beneficial instead of injurious.

A general discussion on fertilizers followed. Speaking of bone meal, Mr. Rudd said he procured his bone as finely ground as possible. He believed that very finely ground bone at \$30 a ton was cheaper than coarser bone at \$20. When ground very finely the plants got the benefit of the bone much more quickly and he believed that when the coarser bone was used the bulk of its value remained in the soil when it was thrown out at the end of the season.

He thought the prejudice against bone that had been dissolved by acid was based on false conclusions. He questioned whether the small amount of acid in the bone did any harm and attributed the injurious results sometimes noted to the fact that the bone had been so finely divided by the acid and its action was therefore so much quicker, when used in same amounts as ground bone the plants suffered from an overdose of the fertilizer. He therefore believed in using less of the dissolved bone for a given amount of soil than of the ground bone, and less of the finely ground bone than usually used of that which was coarser.

Mr. Broadbeck said he used his bone in solution. He had a tar lined barrel into which he would put two bushels of bone, either coarse or fine, and he would then put in two pounds of concentrated lye and a gallon of water. The lye would soon cut the bone up

vine. The calendula or marigold will give you its gay orange flowers during the winter, but it is rather coarse and common. Sow in August or lift plants from open ground and plant on bench in September.

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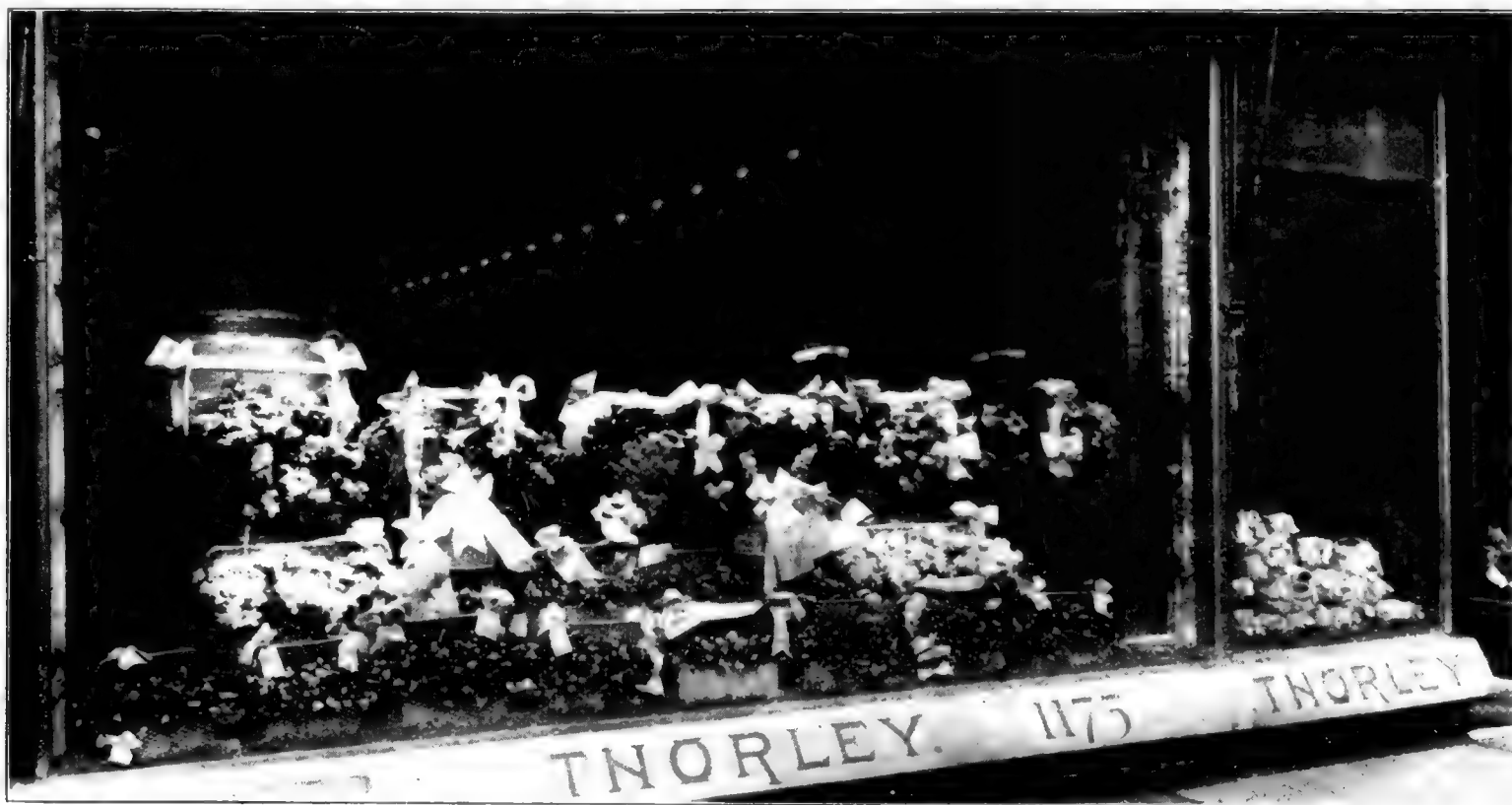
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If you do grow the show pelargoniums this is the time of year they will be opening their buds and now it is that you must not let the fire out and have a damp, cool atmosphere or the petals will drop in one single night. Keep a fire going even if you have to give air. And frequent but mild fumigation is most necessary or else the story will be: "My Martha Washington is covered with them a'r nasty lice." WILLIAM SCOTT.

CARNATIONS.

At a little adjourned session after the last meeting of the Chicago Florists' Club, President Hartshorne, W. N. Rudd, P. M. Broadbeck and Walter Retzer exchanged some interesting experiences and the writer took the liberty of making notes.

Mr. Hartshorne said that he had a house of carried over Bradts that had been doing very much better than the young plants. They had been replanted in fresh soil, but kept under glass all the time and they had produced much more freely than the young plants, the blooms being of extra quality, too.

Referring to seedlings, he said that from one pod he had recently taken 73 seeds, much the largest number he had ever secured from one pod. He wondered what had caused that pod to produce so many seeds. Mr. Rudd said his foreman had an idea that in cross-fertilizing it increased the number of seeds to thoroughly plaster the stigma with pollen. Mr. Retzer thought the amount of pollen would have little effect, only it might be that ordinarily there was much of the pollen that was not at the exact degree of ripeness and by using a good deal there was greater certainty of having enough pollen grains that were at the right stage to be effective.

Mr. Rudd said that he was growing two carnation plants for every one that he expected to bench, with the intention of having a big batch from which to select only the very best plants. He observed last season that the plants that had been in extra good shape when put on bench had paid a vast sight better for the space occupied and he was sure it would pay well to grow enough to have all extra select for benching even if he had to throw away the unused ones.

Next year he will carry this idea still further by marking the best plants and taking cuttings from them only. He believed that the success of certain well known growers of extra high grade flowers was largely due to careful selection of the cuttings first and the plants afterwards.

The difference in the cut from the extra select plants was very noticeable at Christmas, when prices ruled the highest. He felt it was a mistake to rob the blooming plants of cuttings. In the case of Maceo especially he felt sure that every cutting taken early in

the season meant the loss of a bloom later on.

Mr. Hartshorne had noted that Mrs. James Dean would stand much stronger feeding than other varieties and told of how through an error a double dose of nitrate of soda had been given, the results proving decidedly beneficial instead of injurious.

A general discussion on fertilizers followed. Speaking of bone meal, Mr. Rudd said he procured his bone as finely ground as possible. He believed that very finely ground bone at \$30 a ton was cheaper than coarser bone at \$20. When ground very finely the plants got the benefit of the bone much more quickly and he believed that when the coarser bone was used the bulk of its value remained in the soil when it was thrown out at the end of the season.

He thought the prejudice against bone that had been dissolved by acid was based on false conclusions. He questioned whether the small amount of acid in the bone did any harm and attributed the injurious results sometimes noted to the fact that the bone had been so finely divided by the acid and its action was therefore so much quicker, when used in same amounts as ground bone the plants suffered from an overdose of the fertilizer. He therefore believed in using less of the dissolved bone for a given amount of soil than of the ground bone, and less of the finely ground bone than usually used of that which was coarser.

Mr. Broadbeck said he used his bone in solution. He had a tar lined barrel into which he would put two bushels of bone, either coarse or fine, and he would then put in two pounds of concentrated lye and a gallon of water. The lye would soon cut the bone up

very finely and after adding two gallons more of water he used a 4-inch pot full of this solution to 50 gallons of water. He used this on his roses and it made them jump. It was powerful stuff, though, and should be used carefully. Mr. Rudd observed that the lye supplied potash, which was also a valuable fertilizer.

Mr. Rudd said he had been experimenting with dissolved rock phosphate and had about made up his mind that it was just as good as the bone meal and a good deal cheaper.

Mr. Broadbeck mentioned the valuable fertilizing properties of tobacco ashes and said he was always careful to save the ashes when using tobacco for fumigating. He scattered them on the surface of his carnation beds and washed them in with the hose and found that they were excellent to give strength to the stems of the flowers.

Mr. Rudd told of a house of plants that didn't start away early and upon discovering that the soil had not been suitably enriched when put in he began feeding much earlier than usual. The plants made a fair growth, but when lifted at the end of the season it was found that they had made hardly any roots. His explanation was that the food being delivered direct to the plant it had no need to send out long roots. The plants were, however, not as satisfactory as those which had been first allowed to make a good lot of roots.

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Replying to an inquiry regarding the use of lime, Mr. Rudd said that it had very little direct value as a fertilizer, but its chemical action was frequently of very great value in setting free fertilizing material in the soil that had been insoluble. He had seen it recommended to mix bone meal and lime together for use as a lawn dressing and said it was a very bad recommendation, as the result would be that the lime would liberate the ammonia from the bone and thus one of the most valuable constituents of the bone would be lost.

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Lilies were less numerous than usual. Japan longiflorums were most grown. The lilies of this variety were, generally speaking, dwarf, with three to five rather small flowers on each plant. There were, however, some grand specimens, very tall, with ten to fourteen large blooms on a single plant. Some good Harrisii were to be seen and many Bermuda longiflorums. The growers have some difficulty in timing the Japan bulbs, which are from three to six weeks slower than the bulbs from Bermuda.

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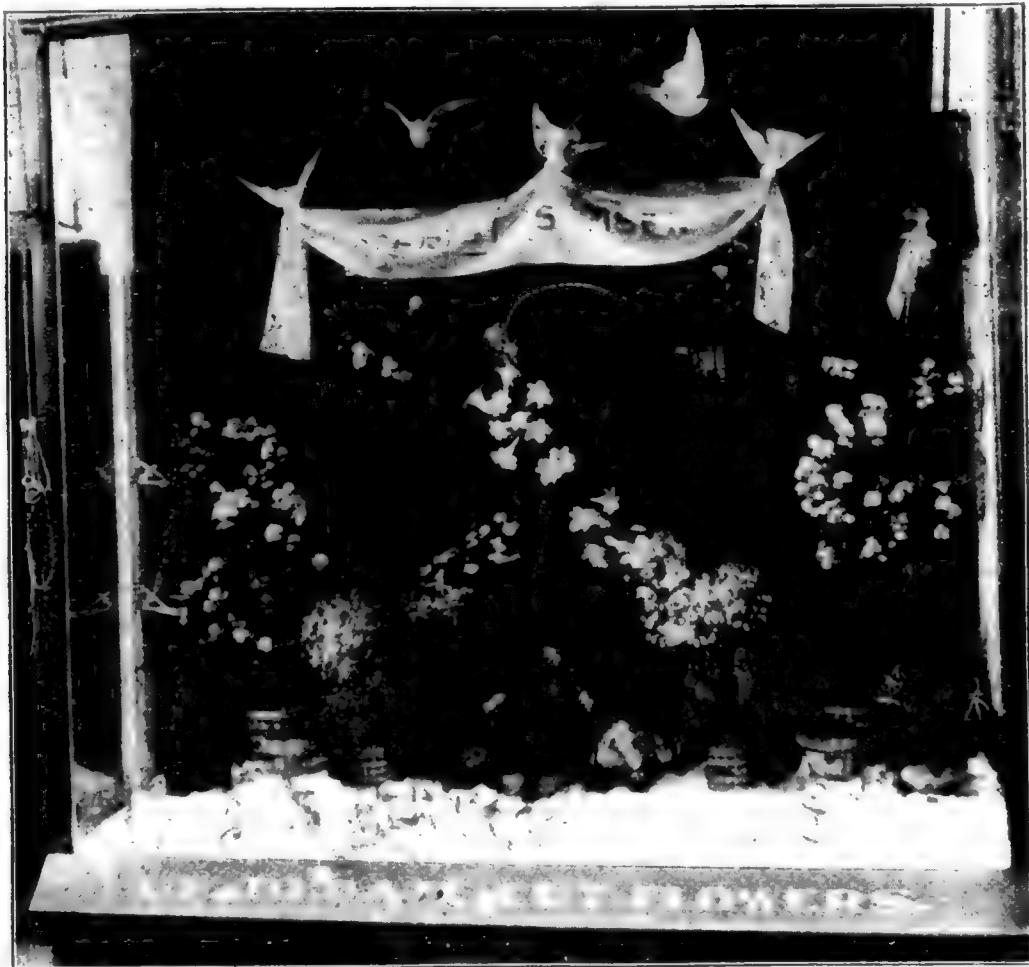
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posed plan and held that it would certainly do no harm to try it, while the chances were good that a very material saving might be made to all, providing a large combined order could be placed at one time under a suitable contract as regards delivery. He thought that it ought to result in the saving of an average of 10 to 15 cents a ton. The subject was made the special order for the next meeting and it was decided to invite all growers to the meeting whether members of the club or not.

The Market.

As the result of a falling off in demand and an increase in the supply there is at present an oversupply of most everything and prices have eased up considerably, especially on the lower grades. The fakirs are out on the streets in force. Roses have deteriorated in quality to a marked degree, probably due to the changeable weather we have been having, and carnations have suffered, too. Shipping trade holds up very well and this takes care of most of the prime shipping stock. Local demand has fallen off to a very marked degree.

Lots of good lilies are coming in now, but they move slowly. Lily of the valley is in good demand, but other bulbous stuff goes very slowly and generally at a sacrifice. Smilax is in exceptionally good demand.

A vase of Mr. Witterstaetter's new pink carnation Enquirer was noted at Kennicott's. The flowers were immense, of fine color and borne on exceptionally long, strong stems. It certainly is a splendid variety.

Several shipments of cut flowers to New Orleans were delayed several days by washouts on the railways last week and as a natural result the flowers were worthless when received. The shippers are now wondering whether they will be able to collect from the express companies.

Various Items.

Walter Retzer & Co. have purchased the greenhouses, stock and business of Albert Fuchs. There is nearly 100,000 feet of glass and the stock includes 150,000 palms of salable size, in addition to which there are about 100,000 palm seeds in the beds. The stock is in excellent condition. Mr. Retzer is a graduate of the Shaw Garden, St. Louis, and for the past year has been assistant to Superintendent Simonds, of Graceland cemetery. He is a well informed young man, of a genial disposition, and will be a decided addition to the ranks. He became a member of the Florists' Club at the last meeting. Mr. E. R. Tauch is the foreman in charge of the glass.

Mr. Fuchs will retire from the business and on June 11 will sail for Europe for an extended stay.

The George Wittbold Co. have been doing a very large business and now have \$7,000 worth of palms on the way from Belgium to replenish their stock of certain sizes that have been heavily called for.

Mr. C. J. Reardon took unto himself a wife last Tuesday and has also taken a position on the Harvey estate at Geneva, Ill.

The Washington grown hyacinths are now in bloom at Lincoln Park and Mr. Stromback invites members of the craft to inspect them. They are in the round bed at the northwest corner of the main flower garden in front of the conservatory.

Bowling.

The series of eight games to determine the membership of the team to play the St. Louis boys when they pay their promised visit was concluded last Friday evening and below we print the scores in full. The first six will compose the team:

	1	2	3	4	5	6	7	8	Av.
Asmus	176	167	142	227	159	147	146	220	173
G. Stollery.....	191	161	141	134	170	148	208	177	166
F. Stollery.....	157	163	155	126	158	170	147	232	164
Balluff	136	168	227	169	120	159	151	131	163
Winterson	145	155	118	180	152	177	168	178	159
Hauswirth	123	170	188	170	151	133	133	145	152
Degnan	191	146	144	119	134	173	164	138	151
Hughes	168	141	170	124	124	119	168	158	146
Kreitling	128	110	123	123	113	105	146	105	119

ST. LOUIS.

Club Meeting.

The Florists' Club held its regular monthly meeting Thursday afternoon. President Ammann called the meeting to order with only ten members present. As a rule the April meetings never were well attended, owing to most of the growers being busy at home with spring sales. About the only important feature that came up was in regard to holding a show this year. The old committee made their final report, showing that \$320.19 was on hand to pay prizes, and Treasurer Sanders of the committee was instructed to pay out the above amount at once, which will be done in the next few days. The euchre committee was discharged after making their final report, which read that they cleared \$72.75, which amount was added to the show fund.

At this point the question came up, "Shall we have a show this year?" and it was finally settled that the club would hold a show this fall, to last only three days, to be known as a Flower and Fruit Show, and all horticultural products will be included. The club then elected a chairman and manager and your correspondent was again elected to fill that position for the coming show. Mr. Fred H. Meinhardt was elected as vice chairman and manager. The chairman then selected his committee to act with him, which are as follows: Fred C. Weber, C. C. Sanders, Emil Schray, Carl Beyer, J. W. Kunz and Frank Fillmore. The committee has full power to act and make their report at the next meeting of the club.

The question box brought out quite a discussion about grafting roses induced by the article in the Review by Mr. George M. Kellogg, of Pleasant Hill, Mo. The arguments were very

interesting and we are sorry more were not in attendance. No doubt the question will again be brought up at the next meeting.

It was decided that the next meeting will be a miscellaneous flower show and prizes to the extent of \$10 will be offered. A committee of three was appointed to take charge of this show and divide the prize money into five parts. Any one wishing information may write to E. W. Guy, Emil Schray or F. J. Fillmore, who compose the committee. This closed the meeting, after which those present had a good time at the expense of President Ammann, who let the cat out of the bag by telling us that he had been elected alderman of the Second ward in Edwardsville, Ill., his home. Congratulations are now in order.

Various Items.

The past week was a busy one among the West End florists. The usual after Easter weddings developed quite lively and lots of stock of all kinds was used. Although plenty of stock has been coming in prices are still a little high, but the way it's coming in this (Monday) morning prices will no doubt drop a notch or two.

Now that Easter is over the plant men have more room and are crowding every inch of space with spring stock and with plenty of orders on hand for bedding they will have all they can do for the next three weeks.

The gentle April showers and warm weather the past few days have started the trees into leaf and a few days more we will have lilacs and other outdoor flowers on sale.

The market florists report an excellent trade in plants since Easter and prices have kept up above those of former years. The general verdict is that trade in plants bids fair to exceed former years and most growers have made great preparations to meet the demand.

The seedsmen also have been having a fine trade this spring and all report a big business in their line.

Visitors in town were Arnold Ringler, representing W. W. Barnard & Co., Chicago; A. S. Halstedt, E. W. Guy and Henry Emundt, Belleville, Ill.; F. J. Ammann, Edwardsville, Ill., and F. W. Ude, Jr., Kirkwood, Mo. All spent a day with us Thursday and attended the club meeting in the afternoon.

Mr. Wm. Clamp, of Harper Place, Webster Grove, will soon leave to make his home in England, his birthplace.

The decorations at the First Presbyterian church, of which I spoke in the last issue of the Review, were made by Mrs. M. M. Ayers, on Grand avenue. Mrs. Ayers is to be congratulated on her fine work.

Miss Newman, who has been ill for the past week, is improving and will be back to business this week.

Fred Weber is also improving and expects to attend to business the latter part of the week. J. J. B.

NEW YORK.

The usual and expected relapse did not occur to business, there having been a fairly good amount of weddings and a general generous and good natured feeling among the people which has been of much benefit to the florists. The wearing of flowers appears to again be on the increase, and from what we see the condition of trade is anything but deplorable. The plant department in every section is a very busy one, the good weather seems to have come to stay, and in consequence everyone seems to be hustling. The general prospects in this section of the country could not look brighter, and if it hasn't reached you it will do so.

Magnolias, forsythias and other flowering shrubs are in bloom and many of the trees are bursting into leaf, putting on their spring dresses, as it were. Observant folks tell us that the season is late, two or three weeks. 'Tis generally better so on account of the fickleness of our climate. We may get a bit of wintry weather yet; we can never be sure till after the 20th of May, though the chances are that we may see nothing worse than an occasional white frost.

The re-echoes from Easter tell us the most gratifying news. Everyone says he has done well and it is now to be hoped that an endeavor will be made to wipe accounts off the books. If the flower business could be put more on a cash basis it would be more respectable. There is a good deal of contemptible smallness about the man who wears clothes which have not been paid for, and he's no better than a mean parasite who lives on what belongs to others. Let us have a rounding up of old accounts, put better feeling and more pleasure into the business by being under less obligations.

Out west we notice there is a breeze over the weekly payment system. Many wholesalers make an effort to pay weekly or semi-weekly in New York, and it's a puzzle how they can do it when to our knowledge they have to wait for semi-annual and in many cases annual payments from some very high sounding retailers. It's a pity, but more of a disgrace, and should be rectified.

On Saturday afternoon a meeting of horticulturists was held in the lecture hall of the new museum building of the Botanical Gardens, Bronx Park, for the purpose of organizing a New York Horticultural Society. About 30 were present. James Wood of Mount Kisco acted as chairman, and Leonard Barron, secretary. A committee of 25 was named to formulate constitution and by-laws, and five of this committee were empowered to suggest names for officers. The next meeting of the committee will be held in the Berkely Lyceum at 4 p. m., on the 9th day of May. Nothing definite was done. The floricultural trade papers are not in

the confidence of the promoters and consequently can only surmise.

We are not in a position to say that it is intended to hand over the buildings and grounds of the Botanical Gardens to the proposed new society, but if it can be organized on the lines of the Massachusetts and Pennsylvania societies, it can be made a medium of great good in this city. New York is society ridden; a consolidation of all the small organizations into one powerful body is a most desirable goal; just at present, though, it is inopportune. We would prefer to see every effort concentrated on making the S. A. F. convention a great success, and if there is any good thing on tap in the way of more useful societies, that event would be a good means of reaching forces which are most desirable. However, it is a free country and a splendid missionary field.

The conservatories at the Botanical Gardens will be finished in about six weeks. They are a magnificent lot of buildings, a credit to the great city they represent. It is to be hoped that the profession will assist in filling them with the best in the land.

On Saturday Mr. Van Brunt delivered a most interesting lecture on "Wild Spring Flowers" and illustrated it with beautiful colored stereopticon views. The lecture was given before an audience of several hundred people in the lecture hall of the museum building, at the Botanical Gardens. Mr. Van Brunt has the largest and finest collection of floral views and pictures in the country, and some effort should be made to have them shown at the coming convention; it would be a great treat.

We regret to announce that, after a lingering illness, Mrs. J. L. Schiller, the wife of J. Ludwig Schiller, seedsmen, of this city, died on Sunday, April 22d. Mr. Schiller had charge of the German exhibit during the World's Fair.

The state intends, so it is reported, to create a school of agriculture and horticulture on the Briar Cliff farms at Scarborough, N. Y.

Bowling scores last night were:

	1.	2.	3.
W. Siebrecht	133	128	131
Burns	145	146	150
Traendly	146	147	151
Von Asch	124	128	118
Stewart	140	139	114
T. Lang	163	175	153
Thielman	155	160	191
Donlan	176	139	166
F. McMahon .....	...	74	83
C. Allen .....	...	118	99
Moody .....	...	117	105
O'Mara .....	...	145	155

J. I. D.

BOSTON.

There is nothing remarkable taking place here. The advent of spring has made roses of all kinds probably more plentiful than ever before in the history of the business. Prices on them depend largely upon the generosity of the buyer, and fakirs infest every street corner with thousands of them. Nothing else has been overplentiful

unless we figure upon a slight accumulation of lilies, mignonette and fine white flowers. Good violets are scarce and carnations remain a little so, with a little deviation from that rule in case of Daybreaks.

Not so much talk of building greenhouse additions as usual at this time of year. Probably prices on materials cause an extra amount of thinking before speaking, but Mr. Walsh predicts an appreciable fall in these prices and he is situated better than any one else to hear reasons for any prophecies he may make.

Not so extended a list of sick ones at present. Lester Mann has been having a hard fight with a very severe case of pneumonia ever since his sickness was reported five or six weeks ago and there is no improvement yet. Mr. Flynn, the indefatigable "Larry" of 67 Bromfield street, after a solid week preceding Easter, gave up Saturday night and has been on the sick list ever since. B. T.

KANSAS CITY, MO.

Easter trade was all that could be expected. Most dealers report an increase of 25 to 35 per cent, and a decided increase in the sale of plants. Lilies were in good demand and supply about equal to it. Prices were not advanced very much except on roses. Carnations were in short supply. A few of the growers held stock back until the last moment. As a result the dealers pushed plant sales vigorously and when these growers got around with their stock there was not a very brisk demand for it. We live and learn.

The weather was perfect Friday and Saturday and up to Sunday noon, after which we had a good soaking April shower.

One of the local daily papers has set on foot a plan for beautifying the city that promises most excellent results. Prizes have been offered as follows:

By the Kansas City Times—For the prettiest lawn of 25 feet or over—flowers, shrubbery, parterres, etc., all to be considered, \$250.00.

By the Metropolitan Street Railway Co.—For the best floral display, \$100.00. For the second best floral display, \$50.00.

By the Barber Asphalt Co.—For the best lawn kept by children of 16 years and under, \$100.00.

By the Kansas City Electric Light Co.—For the best kept garden on one or two lots, front and back to be considered, \$50.00.

By the Doggott Dry Goods Co.—For the largest number of plants from seeds, grown by children under 16 years, \$25.00. For the second largest number, \$20.00. For the third largest, \$15.00. For the four next, \$10.00 each, \$40.00.

By Crutcher & Welch—Second premium, same conditions as Times' prize, except that competition is limited to lots with frontage of 100 feet or less, \$50.00.

By Emery, Bird, Thayer Dry Goods Co.—For best and most artistic bed of foliage plants, arranged in formal design on private lawn, \$100.00.

By Thomas M. Spofford—For the best lawn, 100 feet or under, taking especial account of shrubbery, \$50.00.

By the Kansas City Star—To the owner or tenant of the neatest home in Kansas City, neither cost of house nor size

DREER'S Special Offers of Hardy Perennials

Special List of Varieties Suitable for Cut Flowers.



ANEMONE QUEEN CHARLOTTE.

For full line of Hardy Perennials, Hardy Climbers and all other seasonable stock please refer to current wholesale price list.

	Doz.	100		Doz.	100
Achillea, The Pearl.....	2 1/4-in. pots,	\$0.60	\$4.00	Hollyhocks—	
Anthemis Tinctoria.....	"	.60	4.00	Choice mixture, strong clumps..	\$1.00 \$8.00
" Kelwayi, ".....	"	.60	4.00	Allegheny, mixed, ".....	1.25 10.00
Anemone Japonica Alba, ".....	"	.60	4.00	Hypericum Mosenianum, two-year-old plants.....	1.00 8.00
" Elegans, ".....	"	.60	4.00	Iris Kaempferi, 24 finest named varieties, strong.....	1.50 10.00
" Lady Ardilaun, ".....	"	.60	4.00	Iris Kaempferi, choicest mixture....	1.00 8.00
" Whirlwind, ".....	"	.60	4.00	Incarvillea Dellavayi, new.....	4.00
" Queen Charlotte, new, 2 1/4-in.....		1.25	10.00	Lychnis Vespertina Alba Plena, strong clumps.....	2.00 15.00
Boltonia Asteroides, strong divisions		.75	6.00	Lychnis Chalcedonica, fl. pl., strong, 3-in. pots.....	1.50 12.00
" Latisquama, ".....		.75	6.00	Lychnis Viscaria Splendens, strong clumps.....	1.25 10.00
Caryopteris Mastacanthus, 2 1/4-in....		.60	4.00	Physostegia Virginica, strong divisions.....	.75 6.00
Ceanothus Gloire de Plantieres, 3-in.		2.50	20.00	Physostegia Virginica Alba, strong divisions.....	.75 6.00
Clematis Recto, two-year-old.....		1.50	12.00	Platycodon Japonicum, fl. pl., strong clumps.....	1.00 8.00
Coreopsis Lanceolata, strong clumps		.75	6.00	Platycodon Mariest, strong clumps..	.75 6.00
" Graniflora, ".....		.75	6.00	Primula Veris, English Cowslip....	.75 6.00
Delphinium Chinensis, one year old		.75	6.00	Pyrethrum Hybridum, choice mixed seedlings, clumps.....	1.00 8.00
" Formosum, ".....		.75	6.00	Pyrethrum Hybridum, choice mixed seedlings, 3-in pots.....	.75 6.00
" Sulphuricum, two ".....		2.00	15.00	Pyrethrum Uliginosum, strong divisions.....	1.00 8.00
" Belladonna, 3-in. pots....		2.00	15.00	Phlox, The Pearl, fine white, 2 1/4-in. pots.....	.75 5.00
" Frau Emma Metzger, 2 1/4-in. pots.....		2.50	20.00	Phlox, 24 finest varieties in cultivation, 2 1/4-in. pots.....	.75 5.00
" Wilkie Collins, 2 1/4-in. pots.....		2.50	20.00	Ranunculus Acris fl. pl., strong divisions.....	.75 6.00
Doronicum Austriacum strong plants		1.00	8.00	Rudbeckia Golden Glow, large clumps.....	1.25 10.00
" Caucasicum, ".....		1.50	12.00	Rudbeckia Golden Glow, strong divisions.....	.50 3.00
" Excelsum, ".....		1.25	10.00	Rudbeckia Newmanni, strong divisions	.75 6.00
Eupatorium Coelestinum, strong divisions.....		.75	6.00	" Purpurea, ".....	1.00 8.00
Gaillardia Grandiflora, 3-in. pots....		.75	6.00	Scabiosa Caucasica Blue, 3-in. pots..	1.25 10.00
" 4-in. pots.....		1.00	8.00	" Alba, ".....	1.25 10.00
Gypsophila Paniculata, strong, one year old.....		.75	6.00	Statice Latifolia, one year old plants	1.25 10.00
Helenium Autumnale Superbum, strong divisions.....		1.00	8.00	Tritoma Uvaria Grandiflora, clumps	1.50 12.00
Helenium Grandicephalum Striatum, strong divisions.....		.75	6.00	" " strong divisions	.75 8.00
Helenium Pumilum, strong divisions		1.25	10.00	" Pfitzeri, new, ".....	1.50 10.00
Helianthus Multiflorus, fl. pl., strong divisions.....		.75	6.00	Veronica Longifolia Subsessilis, clumps.....	2.00 15.00
Helianthus Multiflorus Maximus, strong divisions.....		.75	6.00	Veronica Longifolia Subsessilis, 2 1/4-in. pots.....	.75 5.00
Helianthus Maximilliana, strong divisions.....		.75	6.00	Veronica Spicata, strong divisions..	1.00 8.00
Helianthus Rigidus, strong divisions		.75	6.00	" Alba, ".....	1.00 8.00
Heliopsis Pitcherianus, ".....		.75	6.00		
" Scaber, ".....		.75	6.00		
" Major, new, 2 1/4-in....		1.00	8.00		
Heuchera Sanguinea, 3-in. pots.....		1.25	10.00		
" Alba, 3-in. pots.....		1.00	10.00		
Hollyhocks, Dreer's Superb Double, strong clumps, white, pink, salmon, yellow, bright red, maroon		1.25	8.00		

HENRY A. DREER, 714 CHESTNUT ST., PHILADELPHIA, PA.

of lot to be considered, \$100.00. Second neatest house, as above, \$50.00.
By Carl Hoffman, 1012-14 Walnut St.—For the best school house lawn, one Carlotti guitar, \$25.00. For the best private lawn on two lots or under, one Carlotti guitar, \$25.00.
By A. R. Meyer, President of the Park Board—For the neatest, most attractive private grounds, single lot or smaller, \$25.00.
We expect to be the garden city of the world by the time for the Democratic convention, which will be held in this city this year. W. L. ROCK.

EASTER FLOWERS.

[Extracts from the Easter sermon of the Rev. W. J. McKittrick, St. Louis, as reported in the St. Louis Republic.]
"God was very kind to the world when he made it the gift of flowers, pushing the wilderness into bloom, starring the meadows with twinkling constellations, sowing harvests of loveliness in waste places, flowers for baby hands, flowers for marriage festivals, flowers at hospital beds, flowers that are voices of love, flowers that are scattered over graves. Our thoughts today are for the Easter flowers. The churches are fragrant with them. The music of the organ pipes and chanting voices goes rolling over their leaves and petals. We welcome their visit. We are glad to see them.

"We will place a bunch of them on the Bible. Let us wreath this old book with a garland of them. Let us cover it over with whole armfuls of them. Flowers stand for beauty. Their ministry to the earth is a ministry of beauty. And are they not at home on this beautiful Word of God? As they rest there, bits of earthly beauty, yellow, red or pink, can we not imagine them falling into quick fellowship with the great masses of heavenly beauty underneath them? Every law of God is crammed with light and glory. All the divinely recorded provinces of God move through these pages with the stately tread of an armored host.

"Let us hang another garland upon the cross. Bring your fairest roses and lilies to twine about the feet of Jesus as He hangs there. Let that cross be enswathed in the sweet odors of our gratitude. How much do we owe to it? More than any eloquence could express, more than all the choirs of angels could tell forth in most melodious-song, for that cross stands above all the jars and discords of selfishness, above all the strivings and battlings of

greed, as heaven's supreme illustration of divine life, of the regnant and controlling principle of the kingdom of God, of that great law of God, of that great law of vicarious suffering and service, which must be appropriated and incorporated into our lives, if we would rise above the beasts that perish and hold kinship with our heavenly Father.

"Let us put another wreath of flowers upon the tomb. This is where our thoughts are circling today. Over that broken grave our hosannas are leaping and mounting. Bunches of flowers, crowns of flowers, pillars of flowers, harps of flowers, white as snow, recalling his purity, red as blood, recalling his victory, steeped in dew, telling of descending blessings, bathed in sunlight, telling of rejoicing hopes, opening buds, proclaiming an opened heaven. Let us scatter them broadcast before that tomb from which he rose, and let us spread them about his feet as he stands once again among the disciples, as he sets their hearts aflame by his renewed communion with them; as he breaks bread with them before the fire of coals, as he sits with them on the shore of the sea.

CHRYSANTHEMUMS.**FOR SINGLE STEM POT PLANTS.**

The following are considered the best for that purpose, and we now have a large stock in fine condition for immediate shipment. From 2½-in. pots.

Per 100	Per 100
Mrs. H. Robinson \$ 8.00	V. Morel \$3.00
Merza 10.00	Pink Ivory 8.00
Ivory 8.00	Idavan 5.00
Meta 5.00	Rustique 6.00
Maj. Bonaffon 8.00	Lady Hanham 5.00
Solar Queen 8.00	Blackhawk 8.00
Georgiana Pitcher. 8.00	Geo. W. Childs. 8.00
Minerva 8.00	Red Warrior 8.00
Mrs. O. P. Bassett. 8.00	Mrs. J. J. Glessner. 8.00
Merula 8.00	Mrs. H. Weeks 8.00

Nathan Smith & Son, Adrian, Mich.

Mention The Review when you write

REX BEGONIAS.

We are Headquarters for
Rex Begonias. Fine Young Stock.

Many Distinct Varieties, \$4.00 Per 100

Write for special price on 500 and 1000 lots.
Address all orders for Rex Begonias to us.

G. R. GAUSE & CO.

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RICHMOND, IND.

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OTTO SCHWILL & CO.,

Florists

and Dealers in and Growers of Seeds.
Proprietors of Memphis Nursery. Are Headquarters
for

SOUTHERN COW PEAS.

Established 1869.

Write for prices.

304 Front Street, MEMPHIS, TENN.

Mention The Review when you write.

SAN JOSE, CAL.—An action for maintenance has been begun here by Georgiana M. Braslan against her husband, Charles P. Braslan, the seed dealer. Mrs. Braslan alleges that she intrusted him with \$2,500 of her own money, and she has been able to secure the return of but \$60 of it for her support and that of their 6-year-old boy. Mrs. Braslan alleges that she is entirely without means. She asks for an allowance of \$150 a month pending the maintenance suit.

ONEIDA, N. Y.—Haenlan Bros., who leased the uptown place of J. C. Grems, have bought a small farm near Oneida Castle and expect to build several houses this summer. Eugene Haenlan has been gardener for C. W. Chappell, whose beautiful place on Elizabeth street is the finest in Oneida. All wish them success in their undertaking.

WHEELING, W. VA.—The Wheeling Greenhouse Co. has been incorporated with a capital stock of \$4,000. The incorporators are H. C. Hazlett, A. G. Hubbard, N. G. Hubbard, A. W. Paull and Thos. B. Sweeney.

Hardy Hybrid Clematis

We offer strong two-year-old plants of all the leading varieties, such as

JACKMANI, HENRYI, DUCHESS OF EDINBURGH, STANDISHI, Mme. VAN HOUTTE, etc., etc.

\$3.00 per doz.; \$25.00 per 100.

Strong two-year-old
field-grown plants of **CLEMATIS PANICULATA,**
\$1.25 per doz.; \$10.00 per 100.

HENRY A. DREER, 714 Chestnut St., PHILADELPHIA, PA.

Mention The Review when you write.

5,000 Begonia Rex, 3 1-2 and 4-in. Pots,

Extra Fine Stock, \$10.00 and \$15.00 per 100.

See our Bargain List, page 642, last week's issue.

TERMS CASH OR C. O. D.

GREENE & UNDERHILL, - - WATERTOWN, N. Y.

Mention The Review when you write.

Burpee's Seeds Grow

Mention The Review when you write.

**Choicest Fruit and Ornamental Trees.**

Shrubs, Plants, Bulbs, Seeds. 40 Acres Hardy Roses 44 Greenhouses
of Palms, Everblooming Roses, Ficus, Ferns, Etc. Correspondence
solicited. Catalogue Free.

THE STORRS & HARRISON CO., Painesville, O.

Mention The Review when you write.

FERN SPORES SOW NOW!!

WE ARE HEADQUARTERS—Extra large package of fresh spores, sufficient for 3000 plants, with full cultural directions, postpaid for \$1.00. Collection of 12 distinct varieties, each separate, \$5.00.

EMERSON C. McFADDEN, - U. S. Exotic Nurseries, - SHORT HILLS, N. J.

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JOSEPH HEACOCK,

WYNCOTE, PA.

GROWER OF

ARECA LUTESCENS,
KENTIA BELMOREANA,
PHOENIX RECLINATA.

Mention The Review when you write.

Send 50c or \$1.00 for Samples and Prices of... ROSES

Am. Beauties, Perles, Kaiserins, La France, Brides, Maids, Woottons, Belle Seibrecht and Golden Gate. We believe in shifting Young Roses often. All stock offered in 2½-in. pots has been shifted from 2-in. and is equal to most stock advertised as 3-in., and when we send it out is well established.

GERANIUMS in 3 and 4-in. pots.

COLEUS in 2-in. and Rooted Cuttings.

Write **GEO. A. KUHL, Pekin, Ill.**

Mention The Review when you write.

BOSTON FERN.....

VIGOROUS YOUNG STUFF.

\$5.00 a 100; \$40.00 a 1000. Second size, \$10.00 a 100. Third size.....\$25.00 a 100. All Rooted Runners.

JOHN WELSH YOUNG,

Upsal Station.

GERMANTOWN.

Penna. R. R.

PHILADELPHIA, PA.

Mention The Review when you write.

Coleus. Golden and Scarlet Verschaffeltii, Golden Crown, R. C., 26 other good kinds, 70c per 100; \$5.50 per 1000. Chrysanthemums, 35 or more named varieties, \$1.25 per 100; \$10 per 1000. Verbenas, 60c per 100; \$5 per 1000. Ageratums, white, blue and Pauline, 70c per 100. Heliotrope, 15 named sorts, \$1 per 100. Petunias, 30 named dble. varieties, \$1.25 per 100; \$10 per 1000. Lantanas, \$1.25 per 100. Alyssum, \$1 per 100. Salvia, \$1 per 100. Begonias, 2½-inch pots, \$2.50 per 100. Express prepaid on all Rooted Cuttings. Send in your orders now.

S. D. BRANT, CLAY CENTER, Kansas.

Mention The Review when you write.

DETROIT.

Death of John Breitmeyer.

Mr. John Breitmeyer, one of the veteran florists of this city, died at his home in Mt. Clemens on Sunday morning, the 22nd. He was pre-eminently a self-made man, coming to this country as an emigrant. Poor but desirous of bettering himself, he succeeded in accumulating a competency and built up a business as a florist equaled by none in the state. His life was a simple one, with no ostentation, and his chief delight was to meet a few friends and chat. His was an open, sunny nature and his friends were many, for none knew him but to love him. The interment took place at Mt. Clemens on the 24th, the Detroit Florists' Club attending the funeral in a body, some fifty in number. Mr. Breitmeyer was only 65 years of age and the cause of his death was pneumonia.

RAG.

GRAND RAPIDS, MICH.

The weather since Easter has been warm and pleasant, with cool nights. Trade still keeps up and stock is just as scarce as before Easter, especially carnations. A run of funeral work has helped to get rid of any surplus that might have accumulated. Roses are \$1 to \$1.50 per doz.; carnations, 35 to 50 cents; lilies, \$1.50 per doz. Everyone is getting their geraniums into 4s; spreading them out and getting ready for a Decoration Day record-breaking trade.

G. F. C.

SYRACUSE, N. Y.

Easter sales showed an increase over former years and prices averaged better. Flowering plants of all kinds were in good demand. Azaleas sold exceptionally well. Lilies were not as much in demand as formerly.

In cut flowers carnations took the lead with prices ranging from 50 cents to \$1.50 per dozen. Roses took second place, ranging in price from \$2.00 to \$3.00 per dozen. Violets third, at \$2.00 per 100. Bulbous stuff last.

M.

OCEANIC, N. J.

At the regular semi-monthly meeting of the Monmouth County Horticultural Society it was decided to hold only one meeting a month until October, and the third Friday of each month will be the day. Two new members were elected. A lecture will be delivered on May 18th by Dr. Whitmore on "Cultivation of Flowers and Their Influence Upon Society." B.

LA CROSSE, WIS.—A floral society was formed here with officers as follows: C. E. Schafer, Pres.; John Van Loon, Vice-Pres.; John E. Hauser, Sec'y. The next meeting will be held May 24.

MECHANICSBURG, O.—Mr. R. Patrick is no longer in the business here.

E. H. HUNT

THE "OLD RELIABLE" FOR

Wholesale
Cut Flowers

Hunt's Flowers Go Everywhere.

76 Wabash Ave. CHICAGO.

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76 Wabash Ave., CHICAGO, ILL.

Wholesale Growers of
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Greenhouses at Hinsdale, Ill.

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PETER REINBERG,

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FRANK W. BALL.416 Walnut St. WHOLESALE Florists
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Special Attention Given to Shipping Orders
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LILUM HARRISII,
LILUM LONGIFLORUM, etc., etc.**

We are large importers of
HIGH CLASS BULBS.

J.M. THORBURN & CO.

(Late of 15 John Street)

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Trade List now ready.

Each of the Following:

- DAHLIAS.** Whole roots, fine assortment at \$60.00 per M.
- WICHURAIANA ROSES.** 1 and 2 years, \$50.00 and \$75.00 per M.
- ROSA MULTIFLORA JAPONICA.** 2 and 3 yrs., \$50 and \$75 per M.
- ROSA RUGOSA.** 3 to 4 feet, at \$250.00 per M.
- HALL'S HONEYBUCKLE.** Strong, \$50.00 per M.
- CLEMATIS PANICULATA.** Pot grown, \$60.00 per M.
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The Wm. H. Moon Co.
Morrisville, Pa.

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We offer strong one year old field-grown clumps of Hollyhocks in separate colors as White, Bright Red, Pink, Yellow, Maroon and Salmon, \$1.25 per doz.; \$10.00 per 100; or in choice mixture, \$1.00 per doz.; \$8.00 per 100.

Mammoth Fringed Allegheny Hollyhocks

in choice mixture, strong clumps, \$1.25 per doz.; \$10.00 per 100.

Henry A. Dreer, 714 Chestnut St., PHILADELPHIA, PA.

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By WILLIAM SCOTT.

A Complete Reference Book for Commercial Florists. Over 300 large pages. Handsomely illustrated. Following is a list of the subjects covered:

Abutilon	Bouvardia	Eucharis	Lantana	Poinsettia
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Acer japonicum	Caladium	Fertilizers and Manures	Lilium	Richardia Africana
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Allamanda	Centaurea	Geranium	Maurandya	Shading
Alocasia	Cheiranthus	Gladiolus	Metrosideros	Skimmia japonica
Aloysia citriodora	Chrysanthemum	Glazing	Mignonne	Smilax
Alternanthera	Cineraria	Glechoma	Mimulus	Soils
Amaranthus	Clematis	Gloxinia	Moon Flower	Solanum
Amaryllis	Cobea	Grasses	Mulching	Stephanotis
Ampelopsis	Cold-frames	Greenhouse Building	Musa	Stevia
Ananas	Coleus	Grevillea robusta	Myosotis	Stocks
Annuals	Cosmos	Hardy Perennial Plants	Nepenthes	Store Management
Apericum	Cotyledon	Hardy Shrubs	Nierembergia	Swainsona
Anthurium	Crinum	Heating	Oleander	Sweet Peas
Antirrhinum	Crocus	Hedera (Ivy)	Orchids	System
Antirrhinum distachyon	Croton	Hedge Plants	Othonna	Thunbergia alata
Aquatics	Cyclamen	Heliotrope	Oxalis	Torenia
Araucaria	Cytisus	Hibiscus	Packing Flowers	Tropaeolum
Ardisia	Dahlia	Hollyhock	Packing Plants	Tuberose
Aristolochia	Decorations	Hotbeds	Paeonia	Valotta purpurea
Asparagus	Decorative Material (Wild)	Hoya	Palms	Vases
Aspidistra	Decorative Plants	Hydrangea	Pandanus	Ventilation
Asplenium	Deutzia	Impatiens Sultani	Panicum variegatum	Veranda Boxes
Aster	Dianthus	Iresine (Achyranthes)	Pansy	Verbena
Astilbe japonica	Dracaena	Jasminum	Pelargonium	Vinca
Azalea	Drainage	Kalmia (sum)	Peperomia	Violet
Balsam	Easter Plants	Koeniga (Sweet Alyssum)	Perilla nankinensis	Watering
Bay Trees	Erica		Petunia	Zinnia
Bedding Plants	Eriostemon		Phlox Drummondii	
Begonia			Phlox (Herbaceous)	
Bellis			Pinks	
Bottom Heat				
Bougainvillea				

Price, \$5.00, Prepaid by Express or Mail.

FLORISTS' PUBLISHING CO., Caxton Building, CHICAGO.

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SAMUEL S. PENNOCK. Wholesale Florist

{ Until further notice, will be open from }
{ 6:30 a. m., to 10.00 p. m. }

American Beauties and Valley Our Specialties. 1612-14-16-18 Ludlow St., Philadelphia, Pa.

Mention The Review when you write.

LOWELL, MASS.

Messrs. Patten & Roberts report a very satisfactory Easter trade. They had one of the finest and largest displays of lilies ever seen here. They were "crackerjacks." Thursday and Friday it looked as though some might be left on hand, as one of the dry goods houses was selling lilies at cut prices, but nevertheless all were sold and many more could have been disposed of. Cut flowers at this establishment were in abundance and of A1 quality.

In the midst of their Easter trade they had a lot of funeral work. One of the designs worthy of mention was a handsome wreath five feet in diameter, made of valley embellished with violets, which was one of the prettiest designs seen here in a long time. They are now certain that their new store at 8 Mark Square is the finest location in town.

McManmon reports a good trade, having sold plenty of azaleas and rhododendrons.

Whittet & Co. say business was very satisfactory.

All the florists in the town are sharpening their axes for the man who sold the lilies to the dry goods merchant.

M.

THE QUEEN OF EDGELY.

On the 17th inst. the silver medal of the Pennsylvania Horticultural Society was awarded to the Floral Exchange, Philadelphia, for the new rose Queen of Edgely, the pink sport of American Beauty.

The Floral Exchange has recently contracted for 25,000 feet of glass to be used for growing their new rose. One of the houses will have thirteen beds and will be called the Colonial house, each bed being named after one of the thirteen colonies.

MINNEAPOLIS, MINN.—The Minnesota Botanical Society was organized at a meeting held here April 14. A committee consisting of E. M. Freeman, Mrs. E. F. Elliott and Miss Grace Hayes was appointed to arrange for a summer meeting and excursion at Minneapolis and Lake Minnetonka.

CANASTOTA, N. Y.—Frederick A. Taylor reports Easter trade as excellent. Could have sold more flowers if he had had them, though he added two more houses to his plant during the past year. One of these was 16x80 and the other 10x80.

PITTSBURG CUT FLOWER CO., Ltd. WHOLESALE FLORISTS.

Long Distance
Phone 2157.

CONSIGNMENTS SOLICITED.

No. 504 Liberty St.,
PITTSBURG, PA.

FLORISTS' SUPPLIES.

Write for Price List.

Mention The Review when you write.

VEGETABLE PLANTS.

LETTUCE, Boston Market, Tennis Ball, Curled Simpson, Grand Rapids and other varieties, 15c per 100; \$1.00 per 1000; \$8.50 per 10,000, if by mail, add 10c per 100.

TOMATO, small plants for transplanting, in several varieties, 15 cts. per 100; \$1.00 per 1000.

PEPPER, small plants for transplanting, in several varieties, 25 cts. per 100; \$2.00 per 1000, if by mail, add 10 cts. per 100.

EGG PLANTS, New York Improved, for transplanting, 25c per 100; \$2.00 per 1000.

CELERY, White Plume and Golden Self-Blanching, 15c per 100; \$1.00 per 1000.

Other Vegetable plants in season. Cash with order.

R. Vincent, Jr. & Son, White Marsh, Maryland.

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Dissolution of Partnership.

I beg to announce to the trade in general and particularly to the retail florists, that the partnership heretofore existing under the name and style of A. M. & J. B. Murdoch, was dissolved March 31, 1900, by limitation. On and after this date I shall conduct the business of a retail florist at my store, No. 250 Fifth Avenue, where I shall be pleased to exchange the courtesies of the trade with florists of known responsibility.

A. M. MURDOCH, 250 Fifth Ave.,
April 2nd, 1900. PITTSBURG, PA.

THEY LIKE THE REVIEW.

I have been well pleased with your paper. HENRY ELBERS.
Buffalo, N. Y.

Am well pleased with the Review and find it a great help in many ways. FRED'K A. TAYLOR.
Canastota, N. Y.

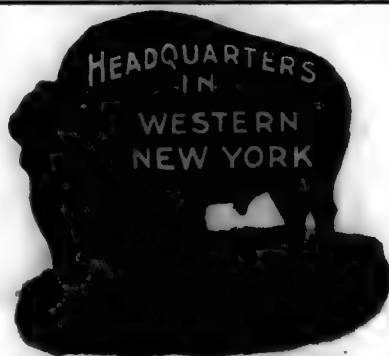
My best wishes are with the Review. ARCHIBALD DESPEAUX.
Milwaukee, Wis.

Your paper is the best of the three. The classified plant advs. are awfully handy and are alone worth the price of subscription.

GUST. B. STEINHAUSER.
Philadelphia.

GIVE US
A
TRIAL.
WE CAN
PLEASE
YOU.

Roses,
Carnations
and all
kinds of
Seasonable
Flowers
in stock.



WM. F. KASTING, Wholesale Com-
mission Florist.
481 Washington St., BUFFALO, N. Y.
Also Dealer in Florists' Supplies and Wire
Designs.

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JOHN B. FERGUSON, Wholesale Florist,

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Floral Fancies, Language of Flowers,

TWO NEW
ADVERTISING
SOUVENIRS
FOR THE
FLORIST.

Diffuse in poetry and sentiment. Of special interest to young people. Elaborate in designing, handsome and attractive. Inexpensive. Samples 4 cents in stamps.

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NEAR THE FERRY.

Open Every Morning at 6 o'clock for the sale of CUT FLOWERS.

Wall space for Advertising purposes to Rent.

J. DONALDSON, SECRETARY.

EDWARD B. JACKSON, Wholesale Florist.

HARDY HERBACEOUS PLANTS ONLY.

In any quantity for the least money.

STAMFORD, CONN.

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Gold Standard Value

Represents Quality of Stock Listed below.

25,000 2½-inch Roses, no finer stock grown. Brides, Perles, Meteors and Maids, \$3.00 per 100. Kaiserin and Golden Gate, \$4.00 per 100. Guaranteed satisfactory in every respect.

25,000 Carnations, strong, healthy, well rooted stock, sure to please. Lawson down to Lizzie McGowan. 25 leading up-to-date varieties. Standards, \$7.50 per 1000. Send for list.

Mammoth Verbenas, 20th Century collection. Rooted Cuttings all sold. Strong 2-inch, ready May 10th, \$2.00 per 100; \$20.00 per 1000.

Double Fringed Petunias, Henderson's and Dreer's latest sorts. We all know that they lead the world, strong, 2-in., ready May 10th.

Geraniums, strong 2½-inch, choicest standard varieties, \$3.00 per 100. Mme. Sallerol, strong 2-in., \$2.00 per 100. Rose Geraniums, strong 2½-in., \$2.50 per 100.

Ageratum, Princess Pauline, the only one to grow, \$1.00 per 100. Extra strong, 2½-inch, full of Cuttings, \$2.50 per 100.

20,000 Pansies from \$10.00 seed, big plants in bud and bloom. \$1.50 per 100.

Fuchsias, 10 leading sorts, \$1.00 per 100; strong 2½-in., 3c; strong 2-in., 2½c.

Smilax, strong seedlings, 50c per 100; \$4.00 per 1000 by mail. Extra strong 2-in., \$1.25 per 100; \$10.00 per 1000.

Vincas, strong, 2½-in., Major and Variegata, 3c; strong, 2-in., 2½c.

Marguerites, New California Giant White, strong, 2-in., \$2.50 per 100. New Golden, same price.

Our wholesale descriptive list of Specialties mailed on application. Terms, strictly cash with order. Small packages by mail.

South Side Floral Co., Springfield, Ill.

Mention The Review when you write.

Extra Strong METEOR ROSE PLANTS

2½-in. Pots, Now Ready.

Surplus stock from plants reserved for our planting, at the low price

\$2.50 per 100, **\$20.00** per 1000

Address THE FLORAL EXCHANGE, Inc.

Edgely, Bucks Co., Pa.

The home of the famous new Rose,

"The Queen of Edgely," PINK AMERICAN BEAUTY....

Mention The Review when you write.

AUGUSTA, ME.—C. A. Leighton has opened a floral store in the Granite Bank building.

TULARE, CAL.—A floral carnival was held here April 19 to 21, under the management of the board of trade.

TOLEDO, OHIO.—Wm. Krueger, who was at Morton Grove, Ill., for some time, but of late has been at Merriam Park, St. Paul, Minn., has returned to Toledo and entered into partnership with his brothers Henry and Otto. The firm will be known as Krueger Bros.

INDIANAPOLIS, IND.—The water in the boiler at Martin Braendlein's greenhouses became exhausted on the night of April 9, the boiler becoming red hot and setting fire to the building. The fire was put out before serious damage had been done, but the boiler was ruined.

GOOD STOCK THAT WILL Make You Money.

	Per 100		Per 100
500 De Roo Mitting, 2½-in.	5.00	5000 Begonias, our selection, named.. 2½-in.	\$1.50
1000 Obconica, in bloom, 2½-in.	2.50	1000 Mums, Mme. des Granges, early white, 2½-in.	2.00
2000 Putunias, California Giants, single, 2½-in.	2.00	1000 Jerusalem Cherry 2½-in.	2.00
3000 Mme. Sallerol Geranium	1.50	1000 Blue Daisy	2.00
3000 Coleus, our selection only	1.50	1000 Fuchsias, mixed	2.00
1000 Coleus, mixed	1.25	500 Vinca variegated, trailing 6-in.	20.00
1000 Red and Yellow Irisines	1.50	1000 Vinca variegated and green, trailing, mixed, 2½-in.	2.00
1000 Alternanthera, red and large lvd.	1.50	10000 Verbenas, 10 choice named varieties, from 2-in. pots	1.25
500 Forget-Me-Not 2½-in.	1.50	1000 Begonias, flowering, named 12 varieties, 6-in.	10.00
1500 Lobelia, Crystal Palace Gem..... 2½-in.	1.50	1000 Hydrangeas Dr. Hogg..... 5-in.	15.00
1000 California Moss	1.50		
1000 Mesembryanthemum Erectum	1.50		
2000 Begonias, Red Vernon, bedder	1.50		
2000 Begonias, Pink Erfordi,	1.50		
2000 Begonias, Sandersonii, "	1.50		

THE MORRIS FLORAL CO., Morris, Ill.

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New Rose LIBERTY.

We can still supply (immediate delivery), a fine lot of this grand new Rose.

Plants on their Own Roots, 2½-inch pots.		Grafted Plants from 2½-inch pots.	
In lots of 100 or over.....	25c each.	In lots of 100 or over.....	40c each.
" 50 "	30c "	" 50 "	50c "
" 25 "	50c "	" 25 "	60c "
" 12 "	60c "	" 12 "	75c "
Single plants.....	75c "	Single plants.....	\$1.00 "

HENRY A. DREER,

714 Chestnut Street, * * * PHILADELPHIA, PA.

Mention The Review when you write.

Winter Flowering Roses....

GRAFTED AND ON THEIR OWN ROOTS.

—SEND FOR OUR PRICES—

J. L. DILLON, - - - Bloomsburg, Pa.

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DAHLIAS BY THE THOUSANDS. Do you want the finest novelties, or are the older tested ones good enough? I have both, and they have taken the highest national honors. Am also headquarters for Cannas, Gladiolus and Paeonies. Write for catalogue and prices. W. W. WILMORE, Dahlia Specialist, DENVER, Colo. Box 382.

Mention The Review when you write.

E. G. Hill & Co.

Wholesale Florists,

RICHMOND, INDIANA.

Mention The Review when you write.

Fine Stocky Plants

	Per 100
Alternantheras, yellow, \$1.75 per 100; red	\$2.00
Oxalis floribunda, fine for vases	2.00
Coleus, 2 and 2½-in. pots, good assortment ..	2.00
Geraniums, 2½-in. pots, my selection	3.00
Geraniums, 3-in.	4.00
Centaurea Gymnocarpa, 2-in. pots	2.00
Ageratum, 3 varieties, 2-in. pots	2.00
Verbenas, 2½-in. pots, good varieties	2.00
Vinca Vines, 2 varieties, fine plants	3.00
Double Petunias, 3 in. pots	3.75
Asparagus Sprengeri, May 1st	4.00
Smilax, 2-in. pots, May 1st, per 1000, \$8.00 ..	1.00
Heliotrope, white and purple	2.50

CASH PLEASE.

JOS. H. CUNNINGHAM,
DELAWARE, OHIO.

Mention The Review when you write.

MAMMOTH VERBENAS.

Mammoth Verbenas, rooted cuttings, large stocky plants, coming in bud just right for spring trade. Plenty of red and pink if wanted, 50c per 100; \$1.00 per 1000. Potted plants in large bud, 2-in., \$1.00 per 100. Heliotrope rooted cuttings, dark blue, \$1.00 per 100. Lobelia in bud or with out bud, 3-in., \$1.00 per 100. Begonia Vernon, \$1.50 per 100. Write for prices on larger quantities. Satisfaction guaranteed. Send for sample.

SAMUEL WHITTON, 15-17 Gray Ave., UTICA, N. Y.

Mention The Review when you write.

PLEASANT HILL, MO.

The Kellogg Opera House, erected by Mr. George M. Kellogg, the florist, was opened to the public on Easter Sunday, with a sacred concert. The Kansas City Times prints the following report of the event:

Pleasant Hill, Mo., April 15.—The new Kellogg opera house, one of the handsomest country theatres in interior Missouri, which has just been temporarily completed, was formally opened this afternoon and night with a union Easter service, in which all the churches in Pleasant Hill and the people of the entire county participated. The Kellogg is a substantial brick building of modern architecture 85x100 feet in dimensions, four stories high, including the basement. It has a stage depth of twenty-six feet, four boxes, capacious balcony and a gallery above. The seating capacity of the house is 1,000 persons. The basement is divided into a ball and reception room, a banquet hall with fully equipped kitchen attached. The interior furnishing and finishing are said to be the handsomest of any theatre in the Kansas City territory, and when the building is completed, at a cost of \$12,000 it will be surrounded by a park. The building was crowded both afternoon and evening yesterday, and there were large delegations from every town in the county beside Kansas City, Independence, Lee's Summit and Holden. Many could not get in. There was a musical programme composed exclusively of sacred numbers contributed by portions of every congregation in the town. A chorus of sixty voices was assisted by the audience in singing patriotic hymns. There were quartets, piano numbers, vocal selections, etc., W. W. Hunt, a well-known Kansas City tenor, being one of the vocalists.

The night programme was similar in character to that of the afternoon, both being under the management of Mrs. Talbot Winship, a local music teacher. Despite the heavy rain the house was again crowded. The next attraction at the new Kellogg in "Quo Vadis" by the Auditorium stock company on the night of May 7.

DENVER, COLO.

The following scores were rolled by the Denver florists Tuesday night, April 17th. Berry was not up to the mark and Scott had to go it alone:

	1	2	3	Av.
Philip Scott	199	212	231	214
John Berry	183	182	155	173 1-3
Ed. Mauff	165	166	131	154
Ed. Emerick	172	163	124	153
A. M. Lewis	166	140	122	142 1-3
Geo. Zimmer	110	119	141	123 1-3
	P. S.			

WARSAW, IND.—Thomas Lewis, florist at Lakeside and Winona Parks for several years, and residing at Warsaw, some time ago lost his eyesight. This calamity has preyed upon him until his mind has given way under the strain.

FAIRBURY, ILL.—Kring Bros. will erect another greenhouse this summer. It will be 30x125 and will cost, including heating apparatus, about \$1,500. The glass is already on the ground.

ST. AUGUSTINE, FLA.—The foundation for the new greenhouse for the large hotels here has been laid. Head Gardener Bilton of the east coast hotels will be in charge of the new house, and will use it for caring for and propagating palms and plants for the hotels.

Standard Perennials for Cut Flowers....

Anemone Queen Charlotte, 2 1/4-inch pots	\$1.25	per doz ;	\$10.00	per 100
Boltonia Asteroides, strong divisions .....	.75	"	6.00	"
" Latisquama, " .....	.75	"	6.00	"
Coreopsis Lanceolata, large clumps .....	.75	"	6.00	"
Delphinium Formosum, strong one year old .....	.75	"	6.00	"
" Chinensis, " .....	.75	"	6.00	"
Doronicum Excelsum, strong divisions	1.00	"	8.00	"
Echinacea Purpurea, "	1.00	"	8.00	"
Gypsophila Paniculata, strong one year old .....	.75	"	6.00	"
Helianthus Multiflorus Plenus, strong divisions .....	.75	"	6.00	"
" " Maximus, " .....	.75	"	6.00	"
Lychnis Viscaria Alba Plena, strong clumps	1.50	"	10.00	"
" " Splendens, strong divisions .....	.75	"	6.00	"
Rudbeckia Golden Glow, clumps	1.25	"	10.00	"
" " " strong divisions .....	.50	"	3.00	"

HENRY A. DREER, 714 Chestnut Street, Philadelphia, Pa.

Mention The Review when you write.

NEW CARNATIONS.

We are now ready to receive orders for strong rooted CUTTINGS.....

GEN. MACEO..... }
G. H. CRANE } \$1 per doz., \$6 per
GLACIER } 100, \$50 per 1000.
MORNING GLORY..... }

GEN. GOMEZ..... } 75c per doz., \$5 per
MRS. G. M. BEADT } 100, \$40 per 1000.

WHITE CLOUD.... } 50c per doz., \$4 per
GOLD NUGGET ... } 100, \$30 per 1000.

25 at 100 rate. 250 at 1000 rate.

We have Fine Large Stocks and will deliver only Fine, Strong, Well-Rooted Cuttings.

MRS. JAS. DEAN, \$3 per 100, \$25 per 1000

MRS. THOS. W. LAWSON, \$3 per doz., \$14 per 100, \$120 per 1000

OLYMPIA, \$2 per doz., \$12 per 100, \$100 per 1000

THE MARQUIS } \$2 per doz.,
GENEVIÈVE LORD } \$10 per 100,
ETHEL CROCKER } \$75 per 1000

THE COTTAGE GARDENS, - QUEENS, N. Y.

Mention The Review when you write.

ELM CITY A Grand New White.... Carnation

Seedling of Lizzie McGowan and Mme. Diaz Albertini, in its fifth year.

The flowers are large, finely shaped and of strong fragrance. Petals are heavy, of good substance and nicely fringed. Calyx is very strong, after the style of Mme. Albertini, and none bursting; the stem strong, holding the flower erect. The plant is a good grower and free bloomer, not subject to stem rot or any disease. Rooted Cuttings \$1.50 per doz., \$10 per 100, or \$70 per 1000. Cash with order. We shall prepay the express where money accompanies the order. Orders filled in rotation.

M. E. KRAUS, 320 Davenport Ave., NEW HAVEN, CONN.

Mention The Review when you write.

300,000 VERBENAS....

80 finest named varieties, including our new mammoth white, Mrs. McKinley, the finest white Verbena grown.

PERFECTLY HEALTHY. FREE FROM RUST.

Rooted Cuttings 6 c per 100, \$5.00 per 1000.

Plants \$2.50 per 100, \$20.00 per 1000.

Our list is the choice from millions of seedlings. Send for list. J. L. DILLON, Bloomsburg, Pa.

Mention The Review when you write.

XX SHEEP MANURE

I have now on hand the cleanest and purest Sheep Manure that can be bought in the market. For reference I refer you to Henry F. Mitchell, 1018 Market Street, Philadelphia, Pa.

Also a large quantity of Hard Wood Ashes for sale by the bbl., ton or car load. Send for samples and price list.

J. L. ELLIOTT,

625 Canal Street, Bethlehem, Pa.

Mention The Review when you write.

GRAND FORKS, N. D.—Frank V. Kent completed his new greenhouse in time for the Easter trade.

Always Mention the....

Florists' Review

When Writing Advertisers.

Genevieve Lord The Peer of All Light Pink Carnations.

Speaking from a dollar and cent standpoint the above is literally true. There may be some larger, but when put to the test of an exacting commercial fire, none will stand the test and bring in the returns like Genevieve Lord. Its color is the kind that sells at sight. Stem the best of any carnation. A perfect, non-bursting calyx. Beautiful distinct form. In fact it has nearly everything that is wanted in a pink carnation. Customers recognize it at a glance, describing it as "that beautiful pink on the long stem." Prompt delivery after April 10th. Stock all sold prior to that date.

PRICES: Doz., \$2.00; 100, \$10.00; 1000, \$75.00

Catalogue-free to all applicants, containing complete description of the above as well as all the big new ones, at introducers' prices; the best of last year's novelties and standard sorts, also a fine stock of new and standard sorts of chrysanthemums.

H. WEBER & SONS, - - OAKLAND, MD.

Mention The Review when you write.

Carnations

**STRONG
WELL-ROOTED CUTTINGS.
SELECT STOCK.**

	Per 100	Per 1000
G. H. Crane	\$6.00	\$50.00
Morning Glory	6.00	50.00
Gen. Maceo	6.00	50.00
Glacier	6.00	50.00
America	5.00	40.00
Gomez	5.00	40.00
Mrs. Geo. M. Bradt	5.00	40.00
White Cloud	4.00	30.00
Mary Wood	3.00	25.00
Mrs. F. Joost	3.00	25.00

AND OTHER STANDARD SORTS.

**F. DORNER & SONS CO.,
LA FAYETTE, IND.**

Mention The Review when you write.

Extra Strong Plants of Joost, from Soll.

\$15 and \$20 per 1000, according to size.

Chicago Carnation Co., Joliet, Ill.

Mention The Review when you write.

BROWALLIA GIGANTEA,

2½-inch pots, \$3.00 per 100.

IVORY CHRYSANTHEMUM,

2½-in., strong plants, \$2.00 per 100, \$17.50 per 1000.

Mars Geranium, best standard for borders, \$1.00 per 100, \$35.00 per 1000.

Cash please. **HENRY EICHHOLZ**, Waynesboro, Pa.
Mention The Review when you write.

IMPORTANT.

Before ordering any goods anywhere
send in **your list of wants** for
lowest **GUARANTEED** prices.

F. W. O. SCHMITZ, Jersey City, N. J.

Mention The Review when you write.

COLEUS. ROOTED CUTTINGS.

Verschaffeltii, Golden Queen; assorted kinds, usual prices. **L. H. FOSTER**, 45 King Street, Dorchester, Mass.

Mention The Review when you write.

Yucca Filamentosa Bicolor....

A beautiful variegated form of the ordinary Yucca Filamentosa, or Adam's Needle, with dark evergreen foliage beautifully variegated with creamy white and possessing all the good qualities of its parent. An interesting, rare, hardy plant that will succeed in any position and which is certain to please.

2½-inch pots.....30c each; \$3.00 per dozen; \$20.00 per 100.

HENRY A. DREER,

714 Chestnut Street...Philadelphia, Pa.

Mention The Review when you write.

..ETHEL CROCKER..

30,000 Plants from soil for April and May delivery

Crocker has filled every claim made for it and is worth a trial by every grower who wants the Best Pink Carnation in the market. 25 for \$2.50; 100 for \$10; 250 for \$18.75; 1000 for \$75.

PANSIES

Freya and Fairy Queen.

Two good bedding novelties. Transplanted seedlings at \$1.00 per 100.

A few of my regular strain. Write for prices.

DWARF PETUNIA

Adonis, carmine with pure white throat, and Snowball, a pure white. They are always in bloom and a good plant for retail. 25 of each for \$1.00, or \$2.00 per 100 from 2-inch pots.

ALBERT M. HERR, - - Lancaster, Pa.

Mention The Review when you write.

Money Making CARNATIONS..

Per 100 Per 1000
Flora Hill, White, Money Maker... \$2.00 \$15.00
Daybreak, Light Pink, Money Maker 2.00 15.00
Wm. Scott, Clear Pink, Money Maker 1.00 8.00

Send for complete list.

12 Novelties of 1900. 27 Best Standard Varieties.

GEO. HANCOCK & SON, Grand Haven, Mich.

Mention The Review when you write.

Cane Plant Stakes

\$2.00 per 1000.

CASH WITH ORDER.

W. W. HENDRIX, Bowling Green, Ky.

Mention The Review when you write.

PERPETUAL BLOOMING HYBRID

CARNATIONS

Crossings between
MARQUERITE AND REMONTANT.

They are what we can recommend as truly Summer flowering varieties, beginning to bloom in the field in July and continue until frost sets in. Flowers medium size, growth very rapid.

Can offer them in 10 varieties, in as many different colors, well established plants, at \$5.00 per 100 by express, or the set of 10 varieties R. C. for 50c by mail. **ETHEL CROCKER**, the best Pink Carnation, well established plants, from 2½-inch pots, \$10.00 per 100; R. C., \$8.00 per 100.

C. EISELE, 11th and Jefferson Sts.
PHILADELPHIA, PA.

Mention The Review when you write.

Carnation Cuttings...

NOW READY.

Jubilee, White Cloud, Daybreak, Flora Hill and other standard varieties. Write for prices. We control the original stock of **MME. CHAPMAN** the Grand Rapids pink sport of D. B.

CRABB & HUNTER, Grand Rapids, Mich.

Mention The Review when you write.

NEW CROP WINTER BLOOMING CARNATION SEEDS.....

Hand Fertilized. 25 cents per 100.

CASH WITH ORDER.

AMERICAN ROSE COMPANY,
WASHINGTON, D. C.

Mention The Review when you write.

CLASSIFIED PLANT ADVERTISEMENTS.

Rate for advertisements under this head, 10 cents a line net, per insertion. New ads. and changes must reach us by Wednesday morning at latest to secure proper classification in issue of Thursday.

ABUTILON.

Abutilon Savitzii, 2-in., 75c per doz.; \$6.00 per 100. S. T. Danley, Macomb, Ill.

Abutilon, var., trailing, 2½-in., \$4.00 per 100. Greene & Underhill, Watertown, N. Y.

Six sorts, doz., 40c; 100, \$2.50. Good & Reese Co., Springfield, O.

Abutilon, mixed, 2½-in., \$2.00 per 100. Morris Floral Co., Morris, Ill.

ACALYPHA.

Acalyphas, Mosaica and Marginata, \$3.00 per 100. Dickerson & Belden, Miami, Fla.

Acalypha Macafeeana, \$5.00 per 100. Storrs & Harrison Co., Box A, Painesville, O.

ACHYRANTHES.

Achyranthes, rooted cuttings, \$1.00 per 100. Greene & Underhill, Watertown, N. Y.

AGERATUM.

Ageratum, white and blue, rooted cuttings, 75c; flats, \$1.00; 2 and 2½-in., \$1.50 per 100. Cash. Chas. S. Dutton, Holland, Mich.

R. C., blue and white, \$1.00 per 100; Princess Pauline, \$1.25 per 100. Greene & Underhill, Watertown, N. Y.

Princess Pauline and Tapis Blue, 2-inch, \$2.00 per 100. Cash. C. P. Dieterich & Bro., Maysville, Ky.

Ageratum Princess Pauline, the only one to grow. Extra strong, 2½-in., \$2.50 per 100. South Side Floral Co., Springfield, Ill.

Ageratums, white, blue and Pauline, 70c per 100. Express paid. S. D. Brant, Clay Center, Kan.

Ageratum rooted cuttings, Princess Pauline, true, 20c per doz.; \$1.00 per 100. S. T. Danley, Macomb, Ill.

Ageratum, 3 varieties, 2-in., \$2.00 per 100. Jos. H. Cunningham, Delaware, O.

ALTERNANTHERA.

1000 Alternanthera Paronychioides Major, red; 1000 yellow, from flats, struck last September. They are strong, healthy plants, 75c per 100. Cash with order. J. F. Brown, Florist, Lock Box 5, Knightstown, Ind.

R. C., red and yellow, 60c per 100; \$5.00 per 1000; summer struck, \$1.00 per 100; \$9.00 per 1000. Greene & Underhill, Watertown, N. Y.

Alternantheras, Aurea nana and P. major, \$2.50 per 100. Williams & Sons Co., Batavia, Ill.

Alternantheras, fine, stocky plants, yellow, \$1.75; red, \$2.00 per 100. Cash. Jos. H. Cunningham, Delaware, O.

Alternantheras, red and yellow, \$3.00 per 1000, bushy plants, 2000 for \$5.00. Dickerson & Belden, Miami, Fla.

10,000 alternantheras; red and large leaved, 2½-in., \$1.50 per 100. Morris Floral Co., Morris, Ill.

Alternantheras, red and yellow, 50c per 100; \$4.00 per 1000. C. Otto Schwabe, Jenkintown, Pa.

Two sorts, doz., 30c; 100, \$2.00. Good & Reese Co., Springfield, O.

ALYSSUM.

Double Alyssum, rooted cuttings, \$1.00; flats, \$1.50; 2½-in., \$2.00 per 100. Cash. Chas. S. Dutton, Holland, Mich.

Double giant, \$1.00 per 100. Greene & Underhill, Watertown, N. Y.

Alyssum, strong 2-in., 2c. South Side Floral Co., Springfield, Ill.

Large, double, 2-inch, \$2.00 per 100. Cash. C. P. Dieterich & Bro., Maysville, Ky.

Alyssum, Double Tom Thumb, \$3.00 per 100. Williams & Sons Co., Batavia, Ill.

Alyssum, double giant, \$1.00 per 100. C. Otto Schwabe, Jenkintown, Pa.

Little Gem, from seed bed; 100, 25c. Jerome Harley, Media, Del. Co., Pa.

Alyssum, \$1.00 per 100. Express paid. S. D. Brant, Clay Center, Kan.

ANTHERICUM.

3-in., \$6.00 per 100. Greene & Underhill, Watertown, N. Y.

AQUATIC PLANTS.

We are headquarters for water lilies and aquatic plants of all kinds. Henry Dreer, 714 Chestnut St., Phila., Pa.

ARAUCARIAS.

Araucaria excelsa, 2½-in. pots, 2 to 3 tiers, \$16.00 per 100; 3-in. pots, 6 to 8 in., 3 tiers, \$20.00 per 100. F. Ludemann, Pacific Nursery, San Francisco, Cal.

ASPARAGUS.

Sprenger, 2½-inch, extra strong, \$5.00 per 100; 3-inch, extra strong, \$7.00 per 100; 4-inch, very fine, \$1.75 per doz.; 5-inch, very fine, \$2.50 per doz. Our Sprenger are extra heavy stock with sprays a foot or more in length and should not be compared with young stock usually sent out. The Calla Greenhouses, Calla, O.

Asparagus Sprenger, strong field-grown clumps of all sizes at low figures. Asparagus plumosus nanus, strong bushy plants from 2½-in. pots, \$4.00 per 100. B. H. Ritter, Port Royal, S. C.

Asparagus plumosus nanus, 2-in., \$5.00; 3-in., \$8.00; 4-in., \$15.00. Williams & Sons Co., Batavia, Ill.

Sprenger, doz., 40c; 100, \$2.50. Plumosus nanus, doz., 50c; 100, \$4.00. Good & Reese Co., Springfield, O.

Sprenger, 2½-in., \$3.50 per 100; \$30.00 per 1000. John A. Doyle Co., Springfield, O.

Asparagus Sprenger, May 1, \$4.00 per 100. Cash. Jos. H. Cunningham, Delaware, O.

AZALEAS.

Azalea Mollis, dwarf, very large, heavily budded, \$35 and \$45 per 100. Standards, extra fine, heavily budded, \$75 per 100. Azalea Pontica, true to name, heavy plants, well budded, \$45 per 100. F. W. O. Schmitz, Jersey City, N. J.

Azalea Amoena, one of the choicest hardy, dwarf shrubs. Rooted cuttings, \$4.00 per 100 by mail; \$25.00 per 1000. From thumb pots, \$5.00 per 100; 3½-in. pots, \$12.00 per 100. Samuel C. Moon, Morrisville, Bucks Co., Pa.

BASKET AND VASE PLANTS.

Solanum Jamesii alba, large plants in bud and bloom, 75c per doz. Smaller plants, 2½-in. pots, \$1.50 per 100. Blooms all summer; no finer vine for vases. Orange Floral Co., West Orange, N. J.

Russelia elegantissima. Grand new graceful basket or vase plant, rapid grower, always in bloom. Strong 2½-in. pot plants, 75c per doz.; \$4.50 per 100. The Calla Greenhouses, Calla, Ohio.

BEGONIAS.

Begonias, rooted cuttings, Erfordii, Rex, Inc. giganta, \$2.00 per 100. Rex, assort., 2½-in., \$4.00; named, 2½-in., \$6.00; 4-in., \$10.00 per 100. Extra fine Rex in 3½ and 4-in., \$10.00 and \$15.00 per 100. Greene & Underhill, Watertown, N. Y.

Begonia Caledonia, the white Lorraine. We are now booking orders for fall delivery. Plants from 3½-in. pots, \$5.00 each. R. & J. Farquhar & Co., 16 and 19 So. Market St., Boston, Mass.

Begonia tuberosa, single colors, separate. Per 100, English strain, \$3.50; Belgian, \$2.50. Double colors, separate, English strain, \$5.00; Belgian, \$4.00. Bobbink & Atkins, Rutherford, N. J.

Begonias, 2000 each of Red Vernon, Pink Erfordii, Sandersonii, 2½-in., \$1.50 per 100. 5000, named, our selection, 2½-in., \$2.50 per 100. 1000 named, 12 varieties, 6-in., \$10.00 per 100. Morris Floral Co., Morris, Ill.

Tuberous Rooted Begonias, extra selected, in separate colors, single, \$25 per 1000; \$3 per 100. Double, \$40 per 1000; \$5 per 100. F. W. O. Schmitz, Jersey City, N. J.

Begonia Rex, fine young stock, many distinct varieties, \$4.00 per 100. Write for special prices on 500 or 1000 lots. G. R. Gause, Richmond, Ind.

Begonia Rex, fine assortment, doz., 50c; 100, \$4.00. Best flowering sorts, doz., 50c; 100, \$3.50. Good & Reese Co., Springfield, O.

Begonia Rex and manicata aurea, \$5.00 per 100. Storrs & Harrison Co., Box A, Painesville, O.

Begonia Vernon, transplanted stock ready for 3-in. pots, 60c per 100. Orange Floral Co., West Orange, N. J.

Begonias, Vernon, Bijou, Rosea and Alba, 2½-in., \$2.00 per 100; 4-in. pots, \$5.00 per 100. C. G. Nanz, Owensboro, Ky.

Begonia Vernon, \$1.50 per 100. Samuel Whitton, 15-17 Gray av., Utica, N. Y.

Begonias, 2½-in., \$2.50 per 100. S. D. Brant, Clay Center, Kan.

BERRIED PLANTS.

1000 Jerusalem Cherry, 2½-in., \$2.00 per 100. Morris Floral Co., Morris, Ill.

BROWALLIA.

Browallia gigantea, 2½-in., \$3.00 per 100. Cash. H. Eichholz, Waynesboro, Pa.

Send in your order now for a copy of the Florists' Manual.

BULBS.

Just received. Fine stock of the following bulbs:

	Per Dozen	Per 100
Caladium Esculentum, 5 to 7-in. cir.	.50	\$3.00
Caladium Esculentum, 7 to 9-in. cir.	.75	4.50
Caladium Esculentum, 9 to 12-in. cir.	1.15	8.00
Caladium Esculentum, 12-in. and up.	2.00	15.00

Tuberoses, Excelsior Pearl, 1st class, \$1.00

Tuberoses, Excelsior Pearl, medium, .75

Send us your orders now. We also have complete stocks of Gladiolus, Cannas, Lilies, and all spring bulbs.

McKellar & Winterson, 45-47-49 Wabash Ave., Chicago.

We are the sole agents, for the U. S. and Canada, for the largest grower of new and leading varieties of bulbs in Holland. Also French grown Romans and paper narcissus, Bermuda and California lilies. Write for illustrated catalogue. F. S. Peer, Mt. Morris, N. Y.

Bulbs, postpaid, per 100: Amaryllis Formosissima, \$3.00; Bessera Elegans, large bulbs, \$1.50; Milla Biflora, large bulbs, \$1.50; Tigridias, assorted, \$2.00; Zephyranthes, assorted, \$2.00. Remit by express money order. J. A. McDowell, Apartado 167, City of Mexico.

Send for our quotations on Roman hyacinths, Lilliums Harrisii and Longiflorum, etc., etc. We are large importers of high class bulbs. J. M. Thorburn & Co., 36 Cortlandt st., New York.

Tuberoses, 3 to 4 inch, should blossom this season, per 100, 60c; per 1000, \$4.50; 1½ to 3 in., per 1000, \$3.00; ¾ to 1½ in., per 1000, \$2.00. Cash. F. A. Bolles, Lawnwood, Brooklyn, N. Y.

Warnaar & Co., late van Heemstra & Co., and Jac. Wezelenburg. Headquarters for Hyacinths, Narcissus, Tulips, Sassenheim, Holland. Ask for U. S. references as to quality.

PLEASE MENTION THE REVIEW WHEN WRITING ANY OF THESE ADVERTISERS.

We still have to offer some No. 2 Ex. Pearl bulbs, 3 to 4 in. in cir. at \$2.25 per 1000. Caladium esculentum bulbs, 4 to 5 in., at 50c; 5 to 7 in., at 80c; 7 to 9 in., at \$2.00; 9 to 11 in., at \$3.25 per 100. F. O. B. cars here. Order quick and get some of these bulbs of Jno. F. Croom & Bro., Magnolia, N. C.

R. Van Der Schoot & Son, Wholesale Bulb Growers, Hillegom, Holland. Our bulb stocks, now covering an area of over 150 acres, are at present the largest in Holland. Est. 1830.

High grade Holland bulbs and roots. K. J. Kuyk, Hillegom, Holland. Ask now for quotations, care J. Ter Kulle, 33 Broadway, New York.

Tuberose, The Pearl, 4 to 6 inches in circumference, \$5.50 per 1000; \$25.00 per 5000, net. Cash with order.

Hulsebosch Bros., Englewood, N. J.

California grown bulbs. Send for our special trade list.

California Nursery Co., Niles, California.

Zephyranthes sulphurea, big yellow flower, \$6.00 per 1000. Milla, Bessera and others. W. Tell, Austin, Tex.

Bulbs and Plants for Fall and Spring delivery. C. H. Joosten, Importer, 85 Dey St., N. Y.

CACTI.

Over 100 varieties in stock. Florists' sample collection of 30 distinct plants, \$3.00. Old Man cactus, 5 to 6 inches high, \$4.00 per doz. Send remittance in express money order. Price list free to the trade. J. A. McDowell, Apartado 167, City of Mexico.

Sixty-three different kinds of cacti. Prices reasonable. Send for list. H. A. Kezer, 408 1/2 San Antonio st., El Paso, Tex.

Cacti and cacti seed, send for price. W. Tell, Austin, Tex.

CALLAS.

12 doz. extra nice Calla lilies in 4 1/2-in. pots at \$1.50 per doz. Satisfaction guaranteed. Cash. D. U. Augspurger & Sons, Peoria, Ill.

"The Classified Advs. bring big returns" is the verdict of the advertisers.

CALADIUMS

A few thousand fancy leaved Caladium at less than real value. Among the above are some fine Brazilian varieties and very choice other kinds of all shades, named, and some under number. Address for particulars, F. J. Ulbricht, Lock Box 655, Anniston, Ala.

Caladium esculentum bulbs with live centers. Per 100. Per 1000.
2 to 2 1/2 in. diameter.....\$1.00 \$5.00
2 1/2 to 3 in. diameter.....2.00 15.00
3 to 4 in. diameter.....3.75 25.00
B. H. Ritter, Port Royal, S. C.

Caladiums, fancy named sorts, extra large, bulbs 1 1/2 to 2 1/2 inches, \$2.50 per 10; \$20.00 per 100. Bulbs 1 to 1 1/4 inches, \$1.50 per 10; \$12.00 per 100. P. J. Berckmans Co., Augusta, Ga.

Caladium esculentum, fine, solid bulbs, 3 sizes. James M. Lamb, Fayetteville, N. C.

The Florists' Manual, by William Scott, is a complete reference book for commercial florists.

CANNAS.

10,000 Cannas. Chas. Henderson, Florence Vaughan, Austria, Peter Crozy, etc. 500 Wichuriana memorial rose, fine plants in 3s. Will exchange all or part for palms, Pandanus utilis or Veitchii, araucaria excelsa, or tea roses. Send in your offer.

Mills & Wachter, Jacksonville, Fla.

About 5,000 Chas. Henderson and Austria, strong roots, 2 to 3 eyes. 300 Grevillea robusta, 4-in., 13 to 24 in. high. Would exchange for begonias, adiantums, carnations, ferns, etc., in small pots.

Geo. Just, Jacksonville, Fla.

The 3 best solid red: Black Prince, \$10.00 per 100; Philadelphia, Duke of Marlborough, \$4.00 per 100.

The Conard & Jones Co., West Grove, Pa.

Selling off a lot of choice sorts, mixed, large, plump roots, \$2.00 per 100; \$15.00 per 1000. Stock limited. H. H. Berger & Co., 47 Barclay st., New York.

The "Novelty" of Novelties for 1900. New—"Mrs. Kate Gray"—Canna. A magnificent hybrid resulting from a cross of ItallaxMad. Crozy. The color is a rich shade of orange scarlet overlaid with gold, a superb coloring which in open sunlight is simply dazzling. The Form is an ideal of the Crozy type of bloom, the petals being very broad and overlapping, measuring 2 1/2 to 3 inches wide, while the individual flowers are from 6 to 7 inches across. The Texture of the flowers is all that could be desired; they partake of the nature of the pollen parent or Crozy race in this respect, and withstand our hottest summer suns without wilting. The foliage is a bright glossy green, equal to a Musa in size and substance and forms a beautiful foil to the gigantic trusses of bloom. The height of the plant is 6 to 7 feet, the growth is luxuriant to a degree, but very compact; the massive foliage, giant trusses, and enormous individual flower give the plant a noble tropical appearance. It is the only Canna of its kind in existence, and absolutely surpasses all others; its intrinsic value will make it a leading standard sort for years to come. Prices.—Strong roots, 35c each; \$3.50 per doz; \$25.00 per hundred. Terms strictly cash with order, no exceptions. Stock limited; orders filled with strict rotation. Address Howard & Smith, Nurserymen, P. O. Box 484, Los Angeles, Cal.

Canna Chas. Henderson, dormant roots, \$2.00 per 100. Cash with order. Will exchange for other varieties.

G. W. Weatherby, Chillicothe, Mo.

All leading varieties, strong started plants, \$4.00 per 100. Storrs & Harrison Co., Box A, Painesville, O.

Cannas, only the best varieties, mixed, 4-in., \$3.00 per 100; \$25.00 per 1000.

C. Otto Schwabe, Jenkintown, Pa.

Cannas, 3 and 4-in., \$4.00 per 100. Williams & Sons Co., Batavia, Ill.

Austria, healthy, strong plants, \$2.00 per 100. Beach Nursery, 2300 Ave Q, Galveston, Tex.

CARNATIONS.

WELL ROOTED CUTTINGS. Per 100. Per 1000.
G. H. Crane \$6.00 \$50.00
Morning Glory 6.00 50.00
Gen. Maceo 6.00 50.00
Glacier 6.00 50.00
America 5.00 40.00
Gomez 5.00 40.00
Mrs. Geo. M. Bradt 5.00 40.00
White Cloud 4.00 30.00
Mary Wood 3.00 25.00
Mrs. F. Joost 3.00 25.00
And other standard sorts.

Send for descriptive price list.

F. DORNER & SONS CO.,
LAFAYETTE, IND.

Perpetual blooming hybrid carnations. Crossings between Marguerite and Remontant. They are what we can recommend as truly summer flowering varieties; they begin to bloom in the field in July and continue until frost sets in; flowers medium size, growth very rapid. Can offer them in 10 varieties, in as many different colors, at \$5.00 per 100, by express, from 2 1/2-in pots, or the set of 10 varieties, R. C., for 50 cents, by mail. Ethel Crocker, the best pink carnation, well established plants, from 2 1/2-in. pots, \$10.00 per 100; R. C., \$8.00 per 100.

C. Elsie, 11th and Jefferson sts., Phila., Pa.

Carnations. The best of existing varieties. Maceo, Crane, Morning Glory, \$6.00 per 100; \$50.00 per 1000. Gomez, Bradt, Melba, \$5.00 per 100; \$40.00 per 1000. White Cloud, \$4.00 per 100; \$30.00 per 1000; Mrs. James Dean, New York, \$3.00 per 100; \$25.00 per 1000. Scott, McGowan, \$1.50 per 100; \$12.00 per 1000; Ethel Crocker, \$10 per 100; \$75 per 100; Olympia, extra strong, from soil or pots, \$12.00 per 100. Genevieve Lord, extra strong, from soil or pots, \$10.00 per 100.

The Cottage Gardens, Queens, N. Y.

New Carnation—Alma. The most productive carnation we have. Rose Pink, new, \$5.00 per 100; \$40.00 per 1000. Daybreak, \$2.00 per 100; \$15.00 per 1000. Wm. Scott, Genesee, Evelina, Portia and Bon Ton, \$1.50 per 100; \$10.00 per 1000. Victor, \$1.50 per 100; \$12.00 per 1000. F. Hill, \$1.75 per 100; \$15.00 per 1000. White Cloud, \$2.50 per 100; \$20.00 per 1000. Jubilee, \$2.00 per 100; \$15.00 per 1000.

C. Merkel & Son, Mentor, O.

Genevieve Lord, the peer of all light pink carnations. Prompt delivery after April 10. Stock all sold prior to that date. Price, \$2.00 per doz.; \$10.00 per 100; \$75.00 per 1000. Write for catalogue giving full description.

H. Weber & Sons, Oakland, Md.

Elm City, a grand new white carnation, seedling of Lizzie McGowan and Albertini, in its fifth year. The plant is a good grower and free bloomer. Rooted cuttings, \$1.50 per doz.; \$10.00 per 100; \$70.00 per 1000. We prepay the express when money accompanies the order. M. E. Kraus, 320 Davenport ave., New Haven, Conn.

Carnations, strong cuttings from flats, John Young, Genesee, Melba, \$2.00 per 100; \$18.00 per 1000. Firefly, Jahn's Scarlet, F. Hill, Daybreak, Storm King, Armazindy, Keller, Albertini, \$1.50 per 100; \$13.00 per 1000. Scott, McGowan, Portia, \$1.25 per 100; \$10.00 per 1000. 250 at 1000 rate. Cash with order.

James E. Beach, Box 776, Bridgeport, Conn.

Well-rooted Carnation Cuttings. Clean stock. McGowan, \$1.00 per 100; \$8.00 per 1000. Victor, \$1.25 per 100; \$12.50 per 1000. Flora Hill, \$1.25 per 100; \$12.50 per 1000. White Cloud, \$2.50 per 100; \$20.00 per 1000. Cash with order. L. R. Hancock, Lock Box 691, Burlington, N. J.

EXTRA FINE PLANTS.

From 2 1/4-in. pots. 100. 1000.
Lizzie McGowan \$1.50 \$9.00
Elsie Akehurst 5.00 40.00
Wm. Scott 2.00 15.00
Cash with order, please.

C. Akehurst & Son, White Marsh, Md.

Carnation cuttings now ready. Jubilee, White Cloud, Daybreak, Flora Hill, and other standard varieties. We control the original stock of Mme. Chapman, the pink sport of Daybreak. Crabb & Hunter, Grand Rapids, Mich.

A fine lot of rooted cuttings of the following: Mayor Pingree, Bon Ton, Wellesley, Armazindy, Jubilee and Genesee, \$2.00 per 100. Buttercup (fine), \$3.00 per 100.

Jos. Renard, Unionville, Chester Co., Pa.

Strong carnations from flats. Mrs. Joost and Daybreak, \$1.25 per 100; \$10 per 1000. McGowan and Scott, \$1.00 per 100; \$8.00 per 1000. R. E. Ede, Coney Island ave., Parkville, Brooklyn, N. Y.

Rooted cuttings McGowan, 75c per 100; \$6.00 per 1000; Scott, \$1.00 per 100; Hill, Daybreak, and Webb, \$1.50 per 100.

A. S. Chase, Cumberland Centre, Me.

Mrs. Fisher. Strong, healthy plants, from cold-frame, \$1.50 per 100; \$12.00 per 1000. Cash with order.

R. J. Gardner, Bayside, L. I., N. Y.

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Anemone Queen Charlotte, 2 1/4-in.	\$1.25	\$10.00
Boltonia Asteroides, strong divisions	.75	6.00
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Coreopsis Lanceolata, large clumps	.75	6.00
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Delphinium Chinensis, strong, 1 yr.	.75	6.00
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Echinacea Purpurea, strong div.	1.00	8.00
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Helianthus mult. plen. strong div.	.75	6.00
Helianthus mult. max., strong div.	.75	6.00
Lychnis Viscaria Alba Plena, clumps	1.50	10.00
Lychnis Viscaria Splendens, div.	.75	6.00
Rudbeckia Golden Glow, clumps	1.25	10.00
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We offer strong one year old field grown clumps of Hollyhocks in separate colors as White, Bright Red, Pink, Yellow, Maroon and Salmon, \$1.25 per doz.; \$10.00 per 100, or in choice mixture, \$1.00 per doz.; \$8.00 per 100. Mammoth fringed Allegheny Hollyhocks, in choice mixture, strong clumps, \$1.25 per doz.; \$10.00 per 100.

YUCCA FILAMENTOSA BICOLOR. A beautiful Variegated form of the ordinary Yucca Filamentosa, or Adam's Needle, with dark evergreen foliage beautifully variegated with creamy white and possessing all the good qualities of its parent. An interesting, rare, hardy plant that will succeed in any position and which is certain to please. 2 1/4-inch pots, 30c each; \$3.00 per doz.; \$20.00 per 100.

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American Holly (Ilex Opaca). This is one of America's most beautiful evergreens. Its foliage varies very little from that of the English Holly, and its rich clusters of scarlet berries make a good substitute for flowers in the winter shrubbery. It is hardy in almost any locality. To insure safety in transplanting, the leaves should be removed from the plant at that time. 1 to 2-ft., transplanted heavy, \$4.00 per 10; \$30.00 per 100. 2 to 3-ft., transplanted, heavy, \$6.50 per 10; \$50.00 per 100. 3 to 4-ft., transplanted, heavy, \$9.00 per 10. Andorra Nurseries, Wm. Warner Harper, Proprietor, Chestnut Hill, Phila., Pa.

Myrtle for cemetery and carpet work. The largest stock in the country. Rooted cuttings by mail, prepaid, per 100, 70c.; per 1000, \$4.50. Large field grown clumps, per 100, \$6.00. Sweet William, clump, transplanted in Sept., per 100, \$4.00; per 1000, \$35.00. California Privet, bushy, 2 to 3 ft., per 100, \$4.00; 1 1/2 to 2 ft., \$3.50. All f. o. b. New York express or freight. Cash with order. F. A. Bolles, E. 10th st., near Ave. L, Lawnwood, Brooklyn, N. Y.

	Per 100.
Hypericum Moserianum	\$4.00
Aquilegia clumps, mixed	4.00
Single Hollyhocks	8.00
Japan Iris, large blue	5.00
Hardy Phlox, best mixed var.	4.00
Siberian Iris	3.00
Eulalia Japonica var.	2.50

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Hemlocks, fine quality, twice transplanted, 15 to 18 inches, \$50.00 per 1000. Beautiful Blue Spruce, Picea Pungens, 2 to 3 feet, \$25.00 per 100. I have all sizes and varieties of hardy Evergreens. Let me know your wants in the line of evergreens. I know I can please you. D. Hill, Evergreen Specialist, Dundee, Ill.

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Dielytra spectabilis, or Bleeding Heart. Strong plants, dormant, 80c per doz.; \$6.00 per 100. Double hollyhocks, mixed colors, large field-grown roots, choice strain, 80c per doz.; \$6.00 per 100.

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	in.	in.	lvs.	100.	1000.
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"	4	15-18	2-3	20.00	150
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My packing is done in the best possible manner, and shipping facilities for both freight and express are unsurpassed. A trial order is solicited.

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150 large specimen Pritchardia filamentosa, 3 yrs. old, outdoor grown, 2 to 4 ft. high, 3 to 5 ft. spread, with from 6 to 12 char. leaves, \$1.00 to \$3.00 each. Will exchange for roses. Acme Nursery, Galveston, Tex.

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Good, strong, field-grown Pansies, in large variety, commenced flowering in September, per 1000, \$12.00; in October, per 1000, \$10.00; for May and June flowering, per 1000, \$8.00. Strong seed bed Pansies, \$3.50 per 1000. Cash with order. W. C. Jennison, Natick, Mass.

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Single plants75c each.
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Strong 2-year-old field-grown roses.

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Crimson Rambler	Papa Gontier
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Joseph Metral	Tri. de Luxemburg
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Perles, 2½-in., \$3.50 per 100; \$30.00 per 1000. All in A1 condition. Finest stock in the market. Wietor Bros., 51 Wabash av., Chicago.

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Salvia splendens, \$2.50 per 100. Storrs & Harrison Co., Box A, Painesville, O.

Salvia, rooted cuttings, \$1.25 per 100.
Greene & Underhill, Watertown, N. Y.

Salvia, \$1.00 per 100. Express paid.
S. D. Brant, Clay Center, Kan.

SEEDS.

Coreopsis Lanceolata, per pound, \$1.25. Australian Salt Bush (Atriplex Semibaccatum), per pound, 75c; 50 lb. lots, 60c; 100 lb. lots or over, 50c. Yellow Globe Danvers Onion, per lb., 30c; in 100 lb. lots, at 50c.
Germain Fruit Co., Los Angeles, Cal.

Seasonable seeds. Primula, Pansy, Verbena, Daisy, Sweet Pea, Nasturtium and all spring seeds for florists. Write for our new list.
McKellar & Winterson, 45, 47, 49 Wabash av., Chicago.

Seeds for the Florist and Market Gardener. Florist list mailed on application.
W. W. Rawson & Co., 12 & 13 Faneuil Hall Square, Boston, Mass.

Grass seeds. For parks, tennis courts, lawns, etc., in fancy 1 and 2-pound packages and bulk. The Albert Dickinson Co., Chicago, Ill.

Wholesale price list for florists and market gardeners.
W. Atlee Burpee & Co., Philadelphia, Pa.

Special seeds for the florist and gardener. Send for wholesale catalogue.
Johnson & Stokes, Philadelphia, Pa.

SMILAX.

String your Smilax with Meyer Green Silkaline. Send for samples and prices. John C. Meyer & Co., Mrs. and Wholesalers, 87 Summer st., Boston, Mass.

Smilax, strong seedlings, 50c per 100; \$4.00 per 1000 by mail. Extra strong 2-in., \$1.25 per 100; \$10.00 per 1000.
South Side Floral Co., Springfield, Ill.

20,000 smilax; transplanted, very strong, healthy plants from flats, 50c per 100; \$4.50 per 1000 by express. F. R. Mills, Rosehill, N. Y.

Smilax, 2-in., ready May 1, \$1.00 per 100; \$8.00 per 1000. Cash.
Jos. H. Cunningham, Delaware, Ohio.

From flats, 50c per 100; 2-in. pots, \$1.50 per 100. Cash with order.
F. Boerner, Cape May City, N. J.

Smilax from flats, 50c per 100; \$3.50 per 1000.
James Scholz, Grand Rapids, Mich.

From flats, 30c per 100; \$2.50 per 1000. Cash.
Mrs. Griswold, Worthington, O.

STEVIA.

Stevia, var., rooted cuttings, \$1.50 per 100.
Greene & Underhill, Watertown, N. Y.

VEGETABLE PLANTS.

10,000 Turner's hybrid and 2000 Stone tomato plants, extra strong, for transplanting, at 75c per 1000, or the lot for \$8.00. Extra strong lettuce plants, Big Boston and black seeded Simpson varieties at 50c per 1000 or 10,000 for \$3.50. Satisfaction guaranteed. Cash.
D. U. Augspurger & Sons, Peoria, Ill.

Lettuce, tomato, pepper, egg, celery and other vegetable plants in season. For prices, see display adv. in this issue.
R. Vincent, Jr., & Son, White Marsh, Md.

Vegetable plants for transplanting, early cabbage and tomato, \$1.50 per 1000.
W. D. Chase & Son, New London, Ohio.

VERBENAS.

60 finest named varieties, including our new mammoth white, Mrs. McKinley, the finest white verbenas grown. Healthy, free from rust. Rooted cuttings, 60c per 100; \$5.00 per 1000. Plants, \$2.50 per 100; \$20.00 per 1000. Our list is the choice from millions of seedlings.
J. L. Dillon, Bloomsburg, Pa.

Rooted cuttings of mammoth verbenas, large stocky plants. Plenty of red and pink, 50c per 100; \$4.00 per 1000. Potted plants in bud, 2-in., \$1.00 per 100. Send for sample.
Samuel Whitton, 15-17 Gray Av., Utica, N. Y.

Mammoth verbenas, 20th century collection. Strong 2-in. ready May 10, \$2.00 per 100; \$20.00 per 1000.
South Side Floral Co., Springfield, Ill.

Verbenas, rooted cuttings, 75c per 100; \$6.00 per 1000; lemon verbenas, \$1.50 per 100; plants, \$3.00, \$4.00 and \$6.00 per 100.
Greene & Underhill, Watertown, N. Y.

Verbenas. Nice, bushy plants in 2-in. pots, all colors except white. I need the room, so offer them at \$1.50 per 100; \$14.00 per 1000.
S. T. Danley, Macomb, Ill.

10,000 verbenas; transplanted rooted cuttings and seedlings, from flats, 50c per 100; \$4.50 per 1000 by express. F. B. Mills, Rosehill, N. Y.

Mammoth, 15 varieties, 2½-in. pots, \$2.50 per 100. Cash.
C. P. Dieterich & Bro., Maysville, Ky.

Verbenas, good varieties, 2½-in., \$2.00 per 100. Cash.
Jos. Cunningham, Delaware, Ohio.

We have all the best, plenty of red and pink, 60c per 100; \$5.00 per 1000.
S. D. Brant, Clay Center, Kan.

10,000 verbenas, 10 choice named varieties from 2-in. pots, \$1.25 per 100.
Morris Floral Co., Morris, Ill.

Verbenas, assorted, \$2.50 per 100.
Williams & Sons Co., Batavia, Ill.

Choice sorts, \$2.00 per 100.
Good & Reese Co., Springfield, O.

VINCAS.

Vincas, three colors, red, white and white-pink center, 2½-in., \$25.00 per 1000; flats, \$2.00 per 100. C. Juengel, 1837 So. 14th St., St. Louis, Mo.

500 Vincas, variegated, trailing, 6-in., \$20.00 per 100; 1000 variegated and green, trailing, mixed, 2½-in., \$2.00 per 100.
Morris Floral Co., Morris, Ill.

Vinca elegans, 3-in., ready for 4-in., \$3.00 per 100. Vinca major fol. var., 3-in., ready for 4-in., \$5.00 per 100.
C. Lengenfelder, Elgin, Ill.

Vincas, strong 2½-in. Major and var., 2c; 2-in., 2½c.
South Side Floral Co., Springfield, Ill.

Rooted cuttings, \$1.25 per 100; \$10.00 per 1000; 4-in. pots, \$8.00 per 100; \$70.00 per 1000.
J. E. Felthousen, Schenectady, N. Y.

Rooted cuttings, var., extra strong, \$1.50 per 100; 2½-in., \$3.00 per 100.
Greene & Underhill, Watertown, N. Y.

Vinca vines, 3 varieties, fine plants, \$3.00 per 100. Cash.
Jos. Cunningham, Delaware, Ohio.

Vinca major var., strong 2½-inch pot plants, \$3.00 per 100; \$25.00 per 1000.
N. Smith & Son, Adrian, Mich.

Variegated Vincas, rooted cuttings, \$1.00; flats, \$1.50 per 100. Cash.
Chas. S. Dutton, Holland, Mich.

Vinca var., 4-in., extra strong, \$8.00 per 100.
J. M. Smely, Aurora, Ill.

VIOLETS.

Only two violets worth growing. Princess of Wales and Luxonne. Large clumps; can be divided into 15 to 20 plants and 40 to 50 cuttings off of each clump, \$4.00 per 100; \$35.00 per 1000. C. W. Reimers, Station A, Louisville, Ky.

A few thousand rooted cuttings of each of the following varieties: Marie Louise, Farquhar, Lady Campbell and Swanley White, all fine stock and free from disease at \$6.00 per 1000, cash. Eli Cross, Grand Rapids, Mich.

Violets—Clumps. We are having the finest and healthiest Marie Louise. You can raise your own stock instead of buying poor one, \$6.00 per hundred. Samples upon inquiry.
Monticello Greenhouse Co., Monticello, N. Y.

Imperial violets, rooted cuttings from soil, \$5.00 per 100; \$45.00 per 1000. Marie Louise, \$3.00 per 100; \$25.00 per 1000. Campbell, \$1.50 per 100; \$12.00 per 1000.
Van Aken Bros., Coldwater, Mich.

Marie Louise or Farquhar plant runners, some rooted, some not rooted. Good, strong, clean stock right from the clumps; no disease; no black fly, \$5.00 per 1000. Cash with order.
Joseph Markle, Rhinebeck, N. Y.

Farquhar Violets. Rooted cuttings, \$10.00 per 1000; from 2½-inch pots, \$3.00 per 100; \$25.00 per 1000. Cash with order. Thos. F. O'Brien, 26 Folsom St., Roslindale, Mass.

Violet Clumps. Princess of Wales, \$4.00 a 100. La France, \$5.00 a 100. Cash with order.
L. R. Hancock, Burlington, N. J., Lock Box 691.

Marie Louise, 100,000 rooted runners for spring shipments, strong, healthy, A No. 1 stock, \$4.50 per 1000. Cash with order.
L. R. Lane, Babylon, L. I., N. Y.

Marie Louise, 10,000 rooted runners, \$5 per 1000. 2000 clumps, \$4 per 100, ready for delivery after May 1. Cash with order.
Deane & Parse, Summit, N. J.

Lady Campbell and California violets. Send for price list.
Wm. Swayne, Box 226, Kennett Square, Pa.

California and Persian, healthy, strong plants, \$1.50 per 100. Beach Nursery, 2300 Ave. Q, Galveston, Tex.

Violet Princess of Wales, the only violet to grow. Strong rooted cuttings, \$1.00 per 100.
Evenden Bros., Williamsport, Pa.

Rooted runners, Louise and Campbell, 50c per 100. A. S. Chase, Cumberland Centre, Me.

Leading kinds, \$3.00 per 100.
Good & Reese Co., Springfield, O.

MISCELLANEOUS PLANTS.

Asters, assorted finest varieties, \$1.50 per 100. Farfugium grande, 2½-in., \$8.00; 3-in., \$10.00 per 100. Genista racemosus, 3-in., \$6.00 per 100. Hibiscus, single and double, \$4.00 per 100. Williams & Sons Co., Batavia, Ill.

Impatiens Sultana and Tradescantia, tri-color, \$2.00 per 100. Fragrant callas, 2½-in., \$1.50; 4-in., \$3.00 per doz. German Ivy, \$1.25 per 100. Mignonette, 2-in., \$2.00 per 100.
Greene & Underhill, Watertown, N. Y.

Iresines, red and yellow; mesembryanthemum basket plant; California moss; Lobelia, Crystal Palace gem; cigar plant, all in 2½-in., at \$1.50 per 100. Morris Floral Co., Morris, Ill.

PLEASE MENTION THE REVIEW WHEN WRITING ANY OF THESE ADVERTISERS.

Oxalis floribunda fine for vases, \$2.00 per 100. Cash. **Centaurea gymnocarpa**, 2-in., \$2.00 per 100. Jos. Cunningham, Delaware, Ohio.

Will exchange dahlias, geraniums, verbenas and Cape Jessamine for Campbell violets or young roses. J. D. Hooper, Richmond, Va.

Allamanda Williamsii, \$3 per 100. **Cobea scandens**, \$4 per 100. Storrs & Harrison Co., Box A, Painesville, O.

Before ordering any goods anywhere send in your list for lowest guaranteed prices. F. W. O. Schmitz, Jersey City, N. J.

Tradescantia multicolor, rooted cuttings, 50c per 100, prepaid. Cash with order. G. W. Weatherby, Chillicothe, Mo.

Antigonon leptopus, heavy, medium and small roots. Write for prices. The Brooks Sisters, Sorrento, Fla.

Strobilanthes Dyerianus, 2-in., \$6.00 per 100. Mayer & Sons, Willow Street P. O., Pa.

Sansevieria zeylanica, 5c. H. Steinmetz, Raleigh, N. C.

CANE STAKES.

Cane plant stakes, \$2.00 per 1000, cash with order. W. W. Hendrix, Bowling Green, Ky.

COLORED PLATES, ETC.

Colored plates, seed packets, engravings, etc. Vredenburg & Co., Rochester, N. Y.

If you read these advs. others would read yours.

CUT FLOWER BOXES.

Florists' Boxes. The J. W. Sefton Mfg. Co., 241-247 S. Jefferson st., Chicago.

DECORATIVE MATERIAL.

Hardy cut ferns, \$1.00 per 1000. Bouquet green, 4c per lb. Bouquet green wreathing, all sizes made to order, 3 to 8 cts. per yard. Baled spruce, for cemetery use, etc. L. B. Brague, Hinsdale, Mass.

Fancy and dagger ferns, also fine line galax leaves. Crowl Fern Co., Millington, Mass.

EVERYTHING FOR FLORISTS.

Write for quotations on your wants to McKellar & Winterson, 45, 47, 49 Wabash Ave., Chicago.

FERTILIZERS.

We are western agents for WALKER'S EXCELSIOR BRAND Plant Food, an article that every retail florist should have on his counter. Sells readily and gives satisfaction to buyers. Put up in neat packages.

	Per doz.	Per gross.
1/2 lb. packages.....	\$1.25	\$10.00
1 lb. packages.....	2.00	18.00

Retails at 100 per cent. profit to you. **PURE BONE MEAL.** The best known fertilizer for plant culture. Our brand is guaranteed free from acids or other elements of a destructive nature if used with discretion. 50 lbs., \$1.25; 100 lbs., \$2.25; 200 lbs., \$4.00; 1000 lbs., \$16.50; 2000 lbs., \$27.50.

PULVERIZED SHEEP MANURE. In bags of about 100 lbs. 50 lbs., 75c; 100 lbs., \$1.25; 500 lbs., \$5.00; 1000 lbs., \$9.00; ton, \$17.50.

VEGETABLE AND LAWN FERTILIZER. This is a brand highly recommended for general garden and lawn use. 1000 lbs., \$20.00; ton, \$30.00; 10 lbs., 50c; 25 lbs., \$1.25; 50 lbs., \$2.00; 100 lbs., \$3.00.

McKELLAR & WINTERSON,
45-49 WABASH AVE., CHICAGO.

Bone meal made for my own use and for other florists who want a good article. Try a bag and be convinced. \$3.50 per 200-lb. bag; \$35.00 per ton. Albert M. Herr, Lancaster, Pa.

Pure sheep manure, the best that can be bought on the market. Also a large quantity of hardwood ashes, by the bbl., ton or carload. J. L. Elliott, Bethlehem, Pa.

FLORISTS' LETTERS.

Krick's Florists' Immortelle Letters are the best 2-in. letters, \$2.50 per 100, 15c extra by mail. For other styles of letters, designs and emblems write for catalogue. W. C. Krick, 1287 Broadway, Brooklyn, N. Y.

The Florists' Manual, by William Scott, is a whole Library on Commercial Floriculture. Send in your order now. Florists' Pub. Co., Chicago.

GALAX LEAVES.

Galax leaves. For latest prices bronze and green Galax leaves and Leucothoe sprays address the introducer.

Harlan P. Kelsey,
1106 Tremont Bldg.,
Boston, Mass.

Galax leaves, \$1.00 per 1000.
L. B. Brague, Hinsdale, Mass.

GLASS, ETC.

The Van Reyper Perfect Glaziers' Points. No rights or lefts. Price per box of 1000, 60 cts.; by mail, 75 cts.; in lots of 5000 by express 55 cts. per 1000. Henry A. Dreer, 714 Chestnut st., Philadelphia, Pa.

Glass for Greenhouses, Graperies, Conservatories and Hot-Beds. French and American Glass. Van Horne, Griffen & Co., 40 to 43 Vestry St., New York.

Every florist ought to insure his glass against hail. For particulars address John G. Esler, Sec'y, Saddle River, N. J.

We make special greenhouse putty. Price on application. Lord & Burnham Co., Irvington-on-Hudson, N. Y.

Importers and jobbers of greenhouse glass. Wheeler-Stenzel Co., 72 Sudbury st., Boston, Mass.

Send for Lucas on Glass. Four pamphlets tell all about it. John Lucas & Co., Philadelphia, Pa.

Greenhouse glass a specialty. Sprague, Smith Co., 207-209 Randolph st., Chicago.

Greenhouse glass. Benjamin H. Shoemaker, 205 to 211 No. Fourth st., Phila., Pa.

HOSE.

Hose for Florists. Penn Rubber Co., 608 Arch St., Philadelphia, Pa.

INSECTICIDES.

TOBACCO STEMS, the good, strong kind only, 60 cts. per 100 lbs.; bales 450 lbs.

TOBACCO DUST, the black stuff, 2 cts. per lb.; 50 to 1000 lbs.

H. A. Stoothoff,
116 West st., New York City.

Nikoteen. Does not injure the most sensitive plants. Endorsed by prominent florists. Used for fumigation or spraying, indoors or out. 200 lbs. of tobacco in one pint of Nikoteen. Sold by seedsmen. Circular free. Skabcura Dip Co., Chicago.

Nicomite (patent) Vapor Insecticide. A certain killer of insect pests. Sold by seedsmen. Tobacco Warehousing and Trading Co., Louisville, Ky.

LABELS.

Tree and plant labels, mailing and express boxes. Write for prices. Williams & Sons Co., Batavia, Ill.

PIPE AND FITTINGS.

Wrought iron pipe, valves, fittings, etc., for steam and hot water; rubber hose, pumps and well points.

Wm. H. Kay, 42 Dey st., New York.

Full line of pipe and fittings. Send for latest prices. S. P. Conkling, 20 East Atwater St., Detroit, Mich.

Iron Pipe and Fittings. Rundle & Spence Mfg. Co., 63 Second St., Milwaukee, Wis.

Iron Pipe and Fittings for florists. The Kelly & Jones Co., Pittsburg, Pa.

POTS.

Standard Pots. We are now ready to supply a superior quality of Pots in unlimited quantities. Catalogues and price-lists furnished on application. A. H. Hews & Co., North Cambridge, Mass.

Standard Flower Pots. If your greenhouses are within 500 miles of the Capitol, write us; we can save you money. W. H. Ernest, 28th and M Sts., N. E., Washington, D. C.

Flower Pots of all kinds. Standard Pots a specialty. List and samples free. Swahn Pottery Mfg. Co., Box 78, Minneapolis, Minn. Factory, Marshall & 25th Ave., N. E.

Flower Pots, standard sizes. Full size and red color.

	Per 1000		Per 1000
2-in.....	\$2.74	4 1/2-in.....	\$10.26
2 1/2-in.....	3.76	5-in.....	13.63
3-in.....	4.77	6-in.....	20.52
3 1/2-in.....	6.00	7-in.....	34.20
4-in.....	7.50	8-in.....	50.00

No charge for packages. Terms cash. Money order or check. Bridgeton Pottery, W. J. Smith, Sr., Prop., Bridgeton, N. J.

KELLER BROS., 213-15-17-19-21-23 Pearl St., Norristown, Pa. Manufacturers of standard flower pots, red in color, equal to the best on the market; are 16 miles from Philadelphia, best of railroad connections. We give special attention to mail orders and make special sizes to order in quantities. A postal will bring prices and discounts.

Standard Flower Pots. If you need pots write for our prices before you order. We guarantee safe delivery. Wilmer Cope & Bro., Lincoln University, Chester Co., Pa.

Red Standard Pots, wide bottoms, well burned and porous. Reduced prices. Harrison Pottery, Harrison, Ohio.

Flower Pots. Before buying write us for prices. Geo. Keller & Son, 361-363 Herndon St. (near Wrightwood Ave.), Chicago.

For the best Plant Tubs, address Mann Bros., 6 Wabash Ave., Chicago.

POT HANGERS.

Krick's Flower Pot Hanger. Just the thing to display your plants by hanging them on the walls, etc., especially when crowded for room. No. 1 will fit 2 to 6-in. pots, 30c per doz.; No. 2, 5 to 8-in., 40c per doz.; No. 3, 8 to 12-in., 50c per doz. Sample pair, 10c postpaid. W. C. Krick, 1287 Broadway, Brooklyn, N. Y.

RAFFIA.

When in want of Raffia, write Jacob & Allison, Importers, 63 Pine st., New York.

SPHAGNUM MOSS.

We are headquarters for Sphagnum. Just received several carloads.

Per bale, \$1.00
Six bales, \$5.00.
Ten bales, \$7.50.
Write for prices on large quantities. McKellar & Winterson, 45, 47, 49 Wabash av., Chicago.

We gather our moss and it is the best to be had. Bales, 4 1/4 feet long, 18 inches wide and 20 inches deep, weighing when well dried 40 lbs., 80 cents per bale; 10 bales, \$7.00. Green moss, \$1.00 per bbl.

Z. K. Jewett & Co., Sparta, Wis.

Sphagnum moss, 75c per bbl.
L. B. Brague, Hinsdale, Mass.

SUPPORTS.

Tendrils for wire supports to roses and carnations. Hold plants firmly but with freedom. Write to H. Thaden & Co., 23 So. Broad st., Atlanta, Ga.

WIRE WORK.

C. A. Kuehn, 1122 Pine st., St. Louis, Mo., manufacturer of the Patent Wire Clamp Floral Designs. A full line of supplies always on hand. Write for catalogue.

We are headquarters for Wire Work. McKellar & Winterson, 45, 47, 49 Wabash ave., Chicago.

Reed & Keller, 122 W. 25th st., New York, Manufacturers of Wire Designs.

ALL FINE STOCK from 2-in. pots.

Blue Spirea Weeping Lantana, Little Gem Calla, Abutilon Eclipse, \$3.00 a 100. Abutilon New Dwarf "Lilliput," \$1.10 a doz. Savitzii, \$1.00 a 100. Fuchsias, Begonias, Carnations, etc., at low prices for cash. RONEY BROS., West Grove, Pa.

Mention The Review when you write.

"TIME is money." You can save it by consulting The Review's classified advs. when in need of stock.

IF YOU don't find what you want in our classified advs. let us know about it. We will find it for you if it is to be had.

CLOVER SEED.

Toledo clover seed dealers are more than satisfied with the results of the year 1899 and indications point to a still better business with better prices in 1900.

The following shows the amount of receipts and shipments of clover seed at this point for 1899, as compared with the previous year:

RECEIPTS.

1898	118,940 bags
1899	131,760 bags

Increase 12,820 bags

SHIPMENTS.

1898	90,000 bags
1899	157,830 bags

Increase 67,830 bags

Prices were much higher in 1899 than in the previous year. The following is a comparative table of prices to-day, as against one year ago:

	1898.	1899.
Prime cash seed	\$4.67½	\$5.62½
No. 2 cash	3.10	4.65

So far the shipments have been largely for export. The scarcity of prime cash this season is one cause for the prevailing high price of that article. The crop was large but poor in quality. No. 2 cash comprises the bulk of the seed received here. Home dealers have not yet begun buying—waiting for a drop in prices.

As the decline did not come before the first of the year, it is not likely to come now. Local dealers look for a further advance, as the home demand is now in order. Stocks of seed on hand to-day are about 80,000 bags, as against 65,000 this time last year.—Toledo (O.) Bee, Jan. 4.

FLOWER LOVERS.

There are many people in the world who like flowers; there are some people who love them, and these constitute a class unto themselves. The difference is this: Those who simply like flowers are quite satisfied that other people shall have the trouble of growing them; those who love flowers find delightful recreation in cultivating them, in caring in touch with the growing plants and in petting them. As a rule, women love flowers better than men love them, but there are many flower-lovers among men.—Richmond (Va.) Times.

TILE BENCH BOTTOM.

Mr. M. C. Clay, Greenford, O., writes us describing a tile bench bottom made of ordinary 4-inch tiles that have been slit in two lengthwise. An incision is made on opposite sides before the tile are burned and the two halves separate readily afterward. He lays these side by side across the bench, convex side up, and says they make a very satisfactory bench bottom, giving perfect drainage and only half as many tile required to cover the same surface as would be the case were

whole tile used. He writes that L. Templin & Sons, Calla, O., have tried this style of bench bottom and are well satisfied with it.

SOME REMINDERS.

Under the heading "A Few Reminders," the Central New York Horticultural Society speaks as follows to members and the general public:

What are you doing for those around you? What can you do for others through our Society?

Why not join hands with us in our endeavor to make this world a little brighter?

Ours is an instructing and entertaining, as well as an educational work.

Our one aim is to uplift and benefit the people.

This is not a corporation organized for individual profit.

We want to teach the masses to love and appreciate the good in Nature, for Nature's work is marvelous beyond compare.

Try to make two blades of grass to grow where only one is growing.

Love the Earth as well as your fellow man.

Give to them both a goodly share of your time.

This will result in many flowers to cheer you and comfort others.

We need your financial and moral support.

We can be a blessing to this community. Is it too much to ask of you?

Have you paid your annual dues?

Are you a member? If not, why not?

We want you to be one of us and one with us.

Remember we pass this way but once. Let us strew the pathway with roses as we journey on.

We will be more likely to have them on our bier.

Bring all the brightness into the world you can. It will make the other world a great deal brighter also.

This was printed on a slip for general circulation, and it seems to us to be an excellent move. A society that invites membership from the general public should not fail to keep the people informed of its aims and objects.

The headquarters of this progressive society are in Syracuse, N. Y., and the officers are: S. T. Betts, president; N. H. Chapman, secretary; David Campbell, treasurer.

WATERVILLE, ME.—H. R. Mitchell & Son are preparing to add several new houses this season. They had an excellent Easter business.

SOCIETY OF AMERICAN FLORISTS.**Plant Registration.**

Nathan Smith & Son register seedling canna "The Empress" (Philadelphia x Gloriosa); flowers bright crimson; large green foliage; height two and one-half feet.

John H. Dunlop registers rose "Lady Dorothea," a sport from "Sunset," originated with Mr. Dunlop in the spring of 1895. Color, outer petals deep peach; pink to Indian red at base; inside, soft flesh color, deepest in mid-winter. Other characteristics, as to color, vigor of growth, etc., identical with the parent, but omitting the objectionable feature of malformed buds at any season of the year. Can be disbudded to center bud, which is always perfect.

Lager & Hurrell register Cattleya labiata "Mrs. W. C. Squires." Flowers large, sepals and petals broad and massive, of a dark rosy mauve. Lip very large, with fringed margins, the expanded portion crimson purple, posterior part stained with straw buff and crimson purple. The unusual flowering season of this variety is due to the plant having been imported late in fall. WM. J. STEWART, Secretary.

THE "ROSE OF HELL."

"The rarest flower in the world" has again been found, this time by a newspaper correspondent who writes from Los Angeles, Cal. According to the story, two prospectors have brought specimens from a mountain in the interior of Guatemala, and the flower was given its sulphuric name by the natives, because it grows near the crater of a living volcano, which they suppose to be the entrance to the infernal regions.

NEW HAVEN, CONN.—Arrangements are being made for the holding of a convention in this city which shall decide upon a national flower. There will be two delegates from each state in the union.

The FLORISTS' MANUAL

by
WILLIAM SCOTT

Is a book of 324 large pages (same size as those of the Florists' Review), and contains about 200 articles on commercial plants and cultural operations, each giving "the meat" only, from the personal experience of a thoroughly practical man who is in daily touch with each department of the business and who has that rare quality of being able to tell others what they want to know. The articles are arranged alphabetically, like those in an encyclopedia, and in an instant one can turn to the subject upon which light is desired at the moment. The book is illustrated by over 200 fine half-tone engravings. It is

**A Complete Reference Book for
Commercial Florists**

and is a whole library on practical commercial floriculture in one volume. It is very handsomely and substantially bound in half leather, with specially designed title in gold.

Price, \$5.00 Carriage Prepaid.

Florists' Publishing Co., CAXTON BUILDING, Chicago.

TIME AND MONEY.

You can save time by consulting the Review's classified ads. when in want of stock.

You can save money by using the Review's classified ads. when you have stock to offer.

ONE DOLLAR will bring the Review to you every week for a year. Fifty-two numbers—less than 2 cents a week.

IF YOU have any surplus stock to offer to the trade remember that you can sell it most quickly and cheaply through an offer in the Review's Classified Plant Ads.

BANGOR, ME.—Carl Beers has opened a branch store in Houlton.

THE Florists' Manual is now ready for delivery.

PLEASE send us the news of the trade in your vicinity.

WANT ADVERTISEMENTS.

Advertisements under this head 10 cents a line, an average of seven words to the line.

FOR SALE—At once—Four acres, two dwellings, barn, eleven greenhouses, 18,000 feet d. s. glass; in a thriving town of 20,000 inhabitants; good shipping trade and local market; \$3,000.00 cash, balance on time. Address E. Haentze, Fond du Lac, Wisconsin.

WANTED—Two young men for carnation and rose houses. Sate experience and wages wanted. Address F. Burki, Bellevue, Pa.

FOR SALE—Sectional steam and hot water boiler, as good as new. For prices and particulars address Hopp & Lemke, Paul P. O., East Grand Rapids, Mich.

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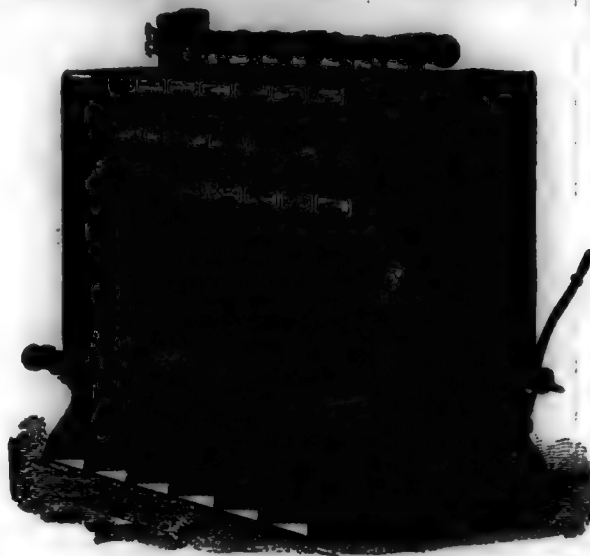
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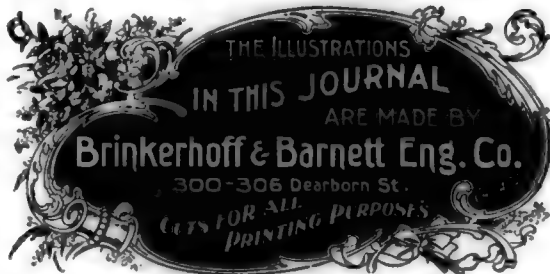
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Subscription, \$1.00 a year. To Europe, \$2.00. Subscriptions accepted from those in the trade only.

Advertising rates: Per inch, \$1.00; 1/4 page, \$13.50; full page, \$27.00. Discounts: 5 times, 5 per cent; 13 times, 10 per cent; 26 times, 20 per cent; 52 times, 30 per cent. Discounts allowed only on consecutive insertions. Only strictly trade advertising accepted. Advertisements must reach us by Tuesday to insure insertion in the issue of the following Thursday.

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North Adams, Mass.

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Hartford, Conn.

We are in receipt of "The Florists' Manual" by Mr. Scott and may say it is the right book for the florist, published at the right time. It is what we all need.

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After reading this book carefully, I am greatly pleased, and wish to congratulate you on the practical manner with which you have treated the subject.

This book is placed where it will be accessible to all of our greenhouse employees, where this board expects to reap a reward many times the cost of the book. Respectfully yours,

COMMISSIONERS OF PARKS AND BOULEVARDS,

R. J. CORYELL, Gen'l Sup't.

I am more than pleased with The Florists' Manual. OTT BROWN. Cape May City, N. J.

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Joliet, Ill.

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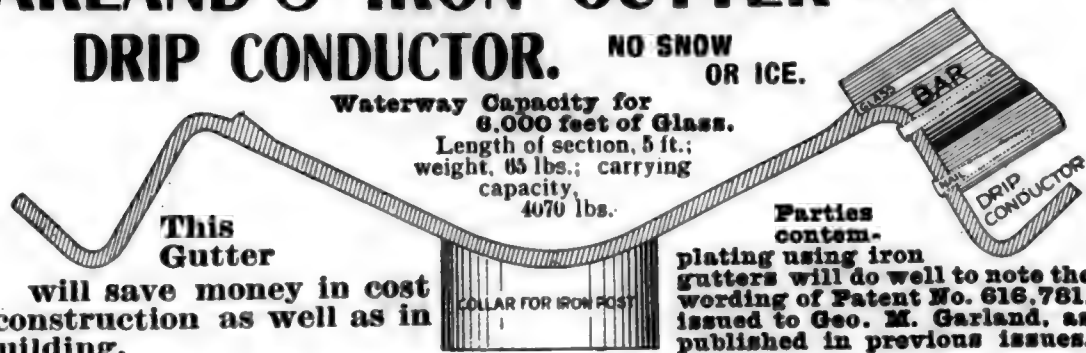
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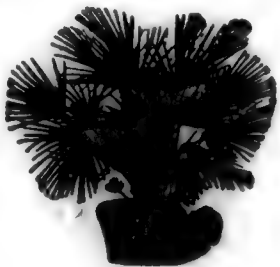
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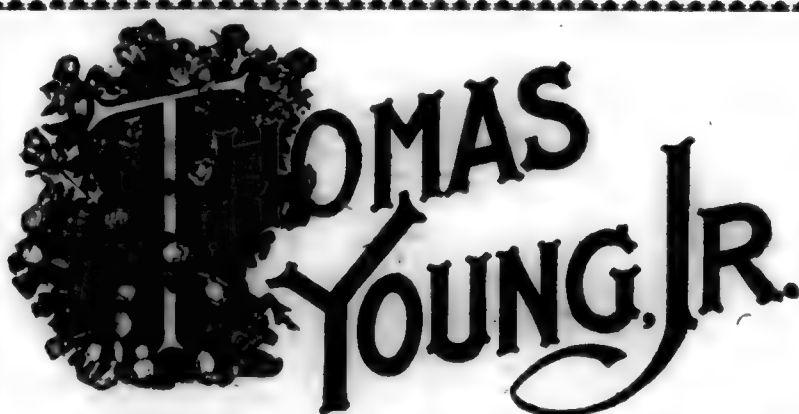
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THE RETAIL FLORIST

A Chat with the Country Retailer.

It is quite a while since we had a chat with the country retailer. We know he's busy now, but we want to remind him of a few important things. Grow only the best, and grow it well. Nurserymen tell us it has been one of their best seasons; an enormous quantity of all manner of stock has been and is being sold and the small florists have been generous purchasers. This looks like prosperity and confidence in the future, but don't buy with a view of selling everything. Plant a few fine things around your own place. Let the people see that you know what a good thing is. Needn't bother with the wee, small microscopic weeds; they belong to the botanical gardens; recommend and plant the varieties of herbaceous flowers which give most satisfaction and which will also furnish a succession of bloom suitable for cutting.

Many of the best flower buyers live the greater part of the year in their country residences, and even if your place is a distance from theirs they are liable to see what you have if it's worth noticing, and to see beauty is to admire or buy. Therefore every country florist should have an abundance of flowers around his place at all times. This can be had by planting such as Irises, paeonies, rudbeckias, hollyhocks, foxgloves, tall-growing phloxes, delphiniums, pompon chrysanthemums, Canterbury bells, dwarf cannas, dahlias (especially the cactus or star varieties), salvias, asters, stocks, antirrhinums, cosmos, sweet peas, mignonette—the variety is endless; we cannot make a catalogue of our paper; you ought to know the good things; we seldom see them where they should most be.

Many of the very best flowers can be had at a small cost and they pay for themselves tenfold, not alone in the pleasure and brightness they infuse into your life, but in most cases the amount of lucre they put into your pocket. Yes, dig up that bad-looking section along the road, around your house, or along the end of your greenhouses, and make it produce a

little of the best of everything from now till next winter. We would like to see more roses grown in the garden and feel sure they could be made to pay.

Roses in pots or flats will sell well next Christmas, or any time during the winter. You must plant them now and grow them so all summer in order to force them into bloom in time. Try a few Ramblers, Magnas, Luizets, Jacques. Magnas will give you perhaps the best results for Christmas, but many other varieties will pay during the season. Good flowering plants sell well at other times besides Easter and Xmas, and the man who has them for sale can dispose of other stock with them.

Many florists who grow geraniums, etc., for the market have their plants grown to such a high pitch by the use of plant physic that when they change hands they usually go back and give disappointing results. This method of growing plants, whilst it may be of

temporary or immediate benefit to the grower, is bad and condemnable. A plant should never be degraded and made like an opium fiend. When poor persons buy a geranium to grow in their window or plant on a grave, give them something honestly grown. The tendency of the times seems to wend its way among labyrinths of mysterious concoctions named chemical plant foods. The plant man of to-day imagines he must first be a chemist and last of all a judge of good soil. Instead of leaving experiments to government schools, every greenhouse has its maniac, victim or subject, and the result is pitiable. Many people wonder why their plants look bad or die soon after purchase, and even the florists themselves are puzzled, not knowing that the poor thing is but a superficiality—a victim to some crank's craze for chemics.

The very same thing applies to cut flowers. You may succeed in growing your carnations or 'mums larger and with more color, but they don't keep so well as those which are the product of good soil and intelligent methods of cultivation. If you value your trade, don't buy from the grower who physics his plants continually.

Then again, go shy on newly imported stock. We know the arguments regarding its cheapness and the convenience of not having to grow it so long, yet all the same we say steer clear of it in most cases, and in all cases be sure that it's alive when you buy it.

Now is the time to think of and prepare for the flowers you will want in summer and autumn. Just look over your stock and see if you've got all the good things. You might need variety; in any case it is often desirable for



McIntosh's.
New York Stores at Easter. No. 4.

your trade, but it is bad policy to plant out a lot of everything for stock merely because you happen to have it on hand; it will only usurp the place of better things later on. Whilst novelties may be expensive, it isn't wise to let the best be old before you buy.

There is a growing demand for continuous blooming roses, which of course are the teas and hybrid teas, so when you dig up your stock at present under glass cut it well back and plant it out in some moist location; it's the kind of stock people often want for immediate effect. If you have a catalogue trade and can purchase a lot of this kind of stock cheap, plant it out and winter it, you can get good big prices for it next spring; or if you sell it next fall give special instructions as to its protection in

front yard, deserves much praise; he is a valuable missionary in floriculture. The country florist, who may be said to work and sleep with his hand on the spade (and with all due respects to Mr. Markham, we consider the man with the spade more valuable to the world than "The Man with the Hoe"), should always be ready to either attend to his neighbors' small gardens or give advice on their formation and care. We have referred to bad or dead seeds before; perhaps we're caustic in such references, but plain language is best. To sell a package of dead seed to anyone is nothing but the worst kind of robbery; it is not only taking money for nothing, but it is wasting time and exertion and causing bitter disappointment. So sell nothing but good seed.

abilities required to properly fill a vase or window box. Old soil should never be used, and again only such materials as will give most satisfaction. If contrasts are desired, and they are often best, it's an easy matter to produce them, for there's an extensive collection of stock to choose from. Variegated funkia is valuable for above kind of work. It is much used in New York.

The country florist has now an abundance of good material on hand or within easy reach for wedding decorations, and whenever possible spring blossoms should be made a leading feature. Forsythia and other shrubs are in full glow and very fine work can be done with them. Apple, peach, pear and cherry flowers are plentiful this year, and whilst we don't mean by using them to destroy valuable fruit trees, there are times when the flowers may pay you better than the fruit, and a careful cutting may do little damage.

We must say a word or two to the city florist. There are thousands of half or wholly dead plants scattered all over the cities as the result of Easter purchases. Be careful and diplomatic when asked about their care. Of course you will have to take those from your most important customers, and if they are not special specimens you might better lose track of them and send fresh stock in return. Don't take a plant back unless it will pay you to do so. A grower's greenhouses should not be a hospital for incurables, and you harm the trade to assist in making it so.

Flowers are very cheap now and generosity will not be expensive. A small flower or bunch of flowers given to a child may win the custom and good wishes of its parents. It is miserly to buy barely what you need to fill an order or to expect a full cent for every quarter cent you spend. When flowers are cheap take a look around and note where a few will do most good. The hospitals are the places for left-over stock; a flower is seldom too old to cheer the poor and weary.

IVERA.



Hanft Bros.
New York Stores at Easter. No. 5.

severe climates. Many of the sorts, such as Meteor, La France, Victoria, Bride, Perle, Bridesmaid, etc., will stand almost anywhere if protected. A plant which gives a vast amount of pleasure all summer surely deserves consideration for a short period in winter. Neglect or indifference in this regard is ignorance or ingratitude of a very base kind; plant life is like animal life in many ways, especially as regards care and protection.

Quite a large business is being done this year in the planting of small gardens both in city and country. The city florist in most cases finds this kind of work a nuisance, simply because he's either incapable of doing it or doesn't know its importance. The man who creates a beauty spot in the heart of a dismal city, whether it be on the window sill or in the back or

Pansies are very good this year. They should have been planted long ago, but it is not too late; better effects can be made by separating the colors.

Don't be in any hurry to put out geraniums and other kinds of tender stock, for if such get chilled by cold weather it requires a long time for them to recuperate.

Vases and window boxes will be more popular than ever this year, and good heavy vines, such as ivy, variegated, vinca, etc., is not overplentiful. Somehow growers don't pay sufficient attention to the cultivation of good ivies. In the spring they are not large enough and in the fall they, on account of being recently "lifted" from the field, are not fit for use.

There is quite a lot of art and other

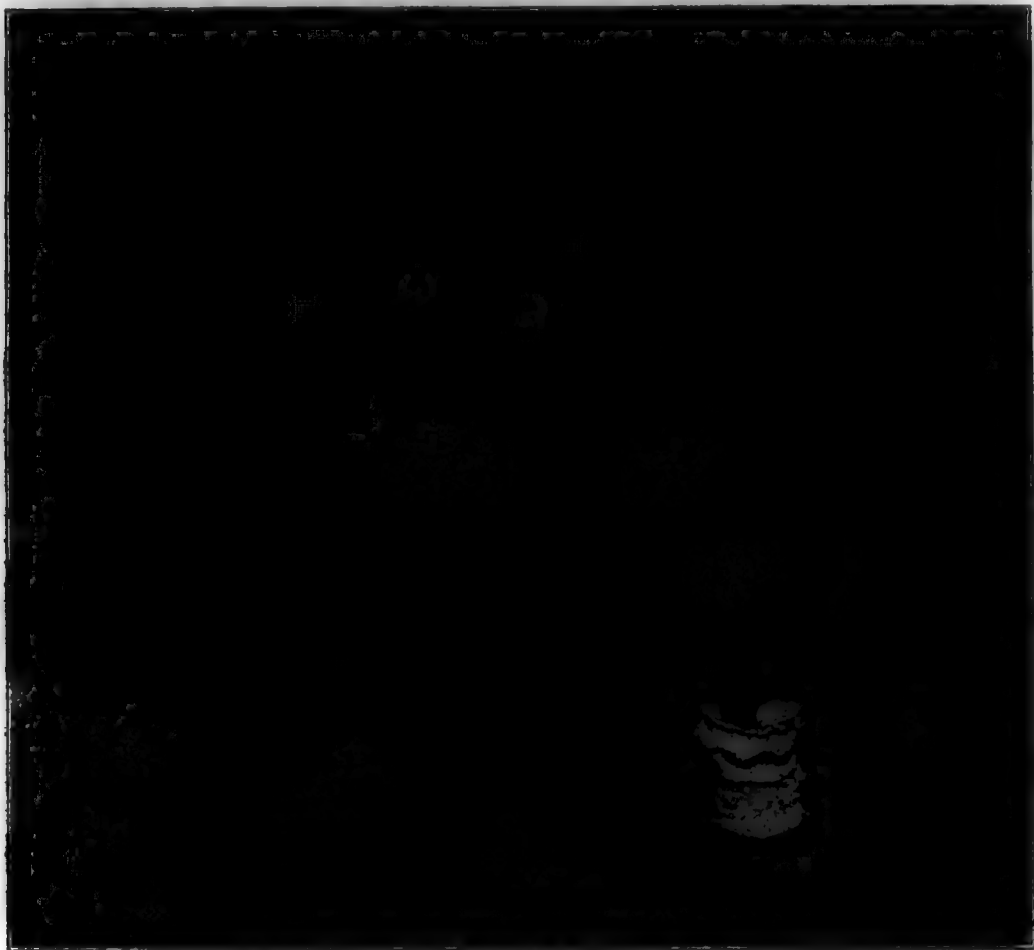
NEW YORK STORES AT EASTER.

[Continued from last week.]

No. 4 is an interior glimpse of McIntosh's store. You will notice that with a few exceptions the plants are trimmed with the tinted papers and tied with narrow edged gauze and figured ribbons. The papers have a semi-woebegone appearance and would look better if confined to pot covering.

No. 5 is a group of plants in Hanft Bros' store. Here baskets, and scarcely any ribbons, prevail, and they look none the worse for it. The market badly needs a cheaper and better colored type of basket.

No. 6 shows a portion of the interior of Lucatos' very pretty store on Columbus avenue. Lucatos is the only Greek florist in New York who



Lucatos.

New York Stores at Easter. No. 6.

commands and deserves any respect. He is an educated gentleman and we are glad of his friendship, but we wish to tell him that we don't like the way in which his man puts skirts on his plants. Those 1849 flounces don't look right today; they are obsolete; the less crinoline used 'round a rose plant, like a girl, the better it and she looks. IVERA.

CARNATIONS.

Mr. E. Buettner, Park Ridge, Ill., believes in garden culture rather than field culture for carnations and also in watering the plants in the summer time. Where he is located there is about 12 inches of light black soil on a heavy clay sub-soil. It dries very hard and then come deep cracks that admit a good deal of air to the soil, and cultivation alone will not prevent rapid evaporation.

His plants are in beds, four rows of plants to a bed, the rows 12 inches apart and the plants 10 inches apart in the rows. Cultivation is entirely by hand. He has water mains all through his carnation field and for watering in dry weather he uses common lawn sprinklers. He holds that if not watered in the field the plants would not only suffer from dryness, but would be eaten up by red spider.

The watering is done at night, a man moving the sprinklers to another section when one is thoroughly soaked. The sprinkler he uses will reach across two beds. He gets his water from an artesian well and a

steam pump is used to give the water considerable force, so that it falls on the ground as fine spray. When the ground has dried sufficiently after a watering, the crust is hoed off, and when thoroughly dry another good soaking is given.

White Cloud is such a strong grower with him that it is sometimes inclined to grow too large, and when this is apparent he skips this variety occasionally when watering, which gives a sufficient check to keep it within bounds.

The soil he uses in the houses is prepared as follows: In the fall he plows virgin sod and scatters over it air-slaked lime (just enough to whiten it), to make it sweet. In the spring he makes his compost heap of layers of sod and cow manure, adding a little bone meal to the manure. By this time the lime has about ceased acting and no harm is done to the bone. When this soil is placed in the bench he adds more bone. For later feeding he uses liquid from sheep manure, and to his tank of liquid, which contains 256 cubic feet, he occasionally adds a 6-inch potfull each of sulphate of ammonia and muriate of potash, or nitrate of soda and sulphate of potash. He relies upon the potash to give strength of stem. He thinks the chemicals could be added to the soil in the first place if done long enough before the plants were put in to allow time for the chemicals to first become thoroughly dissolved. He finds that it is the chemical action that takes place

while they are dissolving that works injury to the plants.

-As to varieties, White Cloud has been the best paying white with him the past season. Hill has been a steady and continuous bloomer, but the stems rather weak in mid-winter. He finds that Hill does best in a light soil, while White Cloud likes a heavier one.

America has been larger and of better form and color than Crane with him, though Crane has the best stem and produces most freely. The great drawback to Crane with him has been stem rot.

Mary Wood is a grand flower and would be the ideal white were the flowers produced more freely.

With him Joost has been a good and continuous bloomer, but the flowers cannot be classed as fancy. Some buyers say that it goes to sleep quickly, though others maintain that it is a satisfactory keeper. He is inclined to think that dealers would find all carnations better keepers if careful to keep them away from draughts.

He grows Bratt, but finds that it sells readily in limited quantities only.

Melba has a fine color in winter, but with him it has been a weak grower and shy bloomer. Wellesley has been discarded as valueless. He has grown Scott up to this year, but will now drop it.

He would like to get a carnation with the color and stem of Jubilee and the form of Mary Wood or White Cloud.

He does not think that stem-rot is the result of a superabundance of moisture. In fact, he calls it dry-rot instead of stem-rot. With a light soil and only four or five inches of it in the bench, he thinks the plants are much more apt to have too little water than too much. He keeps the soil on the wet side rather than the dry side. He has never watered his carnations overhead. A dry atmosphere and plenty of water at the roots is his rule.

He says the cuttings and plants sent out by introducers of new varieties are usually a disgrace to those who send them out. And he sees no reasonable excuse for such careless propagation. He believes that the usefulness of many promising new sorts is killed in this way. He notes a few honorable exceptions and says he always has more faith in new varieties sent out by certain firms because he knows he will get stock that has some value to start with. A reputation of this sort is becoming more valuable yearly.

THE AMERICAN LOTUS.

The American lotus (*Nelumbium luteum*) is one of America's floral giants, with its golden blossoms 8 inches and its glossy leaves 12 inches in diameter. It is purely American, no yellow lotus having been found in any other part of the world, and no

other variety is found in America. It is met occasionally most all over the United States, but is most frequent from Kentucky southward.

Great fields of it were under cultivation by the Indians on the middle waters of the Tennessee and Cumberland rivers at the time of settlement by the whites. Old settlers now living in those sections can remember when the Indians, after having been driven out, would come back and gather all the seed they could carry away. The seeds were used largely by them for beads, and also as an article of food, under the name "yonker-pins." They were also called "70-year acorns," because it was thought they required 70 years in which to germinate. It is evident that some of the tribes used the root also as food, while some portion of the plant, known only to the Indian, was used as a medicine. The Indian's arrow was modeled almost exactly after the long flower spikes, his canoe was a crude imitation of the petals, and his war club was a representation of the large seed pod. So, while the sacred lotus of the Nile has had its worshipers and the sacred lotus of the Ganges its votaries, the sacred lotus of the Mississippi has had at least its admirers.

In all respects, except color, it is identical with the Oriental nelumbiums. When it first opens the petals are a bright lemon yellow, growing paler each day until almost white. It approaches the Egyptian lotus in size, but is somewhat more globular. Under cultivation it behaves similar to *N. album grandiflorum*, becoming more "dwarfed" and flowering more freely in limited quarters.

It submits to more rough handling than any lotus, and a smaller percentage of the roots die when transplanted. Last spring we threw some surplus tubers into a cement tank in which there was no soil. They at once started growth and produced an abundance of foliage, with considerable flowers, while floating in the clear water. I have never noticed this of any of the other lotuses. They usually throw out a few puny leaves and then decay.

Yellow is the rarest color in water lilies, and this, being the only yellow lotus, holds a place that cannot be filled by a substitute.

GEO. B. MOULDER.

THRIPS.

Mr. E. Buettner, Park Ridge, Ill., says that the English insecticide XL All is certainly effective in combating the thrips, but that it is altogether too expensive to be used regularly.

It cost him about \$5 to fumigate a house 18x125, and as it should be done at least once a week, it runs into money rapidly. He had this insecticide analyzed and found that a large part of it was chemically pure nicotine. This is a very expensive ingredient and probably the manufacturer could not afford to sell the prepara-

tion at much less than the price he asks.

Where thrips have got a firm hold and are doing serious damage he believes it would pay to use XL All a few times to get them under control, and they can then be kept down by Nikoteen applied regularly and persistently. He evaporates the Nikoteen by the hot iron method. He finds the Nikoteen just as effective as the tobacco extract and cleaner to use. He would like, though, to learn of some method whereby the fumes of tobacco or nicotine may be kept in the atmosphere all the time, without the objectionable plan of strewing tobacco stems around and frequently renewing them. The tobacco extract and Nikoteen are effective only when evaporated by considerable heat. What is wanted is something that will be effective when diffused by the heat of the steam or hot water pipe, as is sulphur in the rose houses.

In fumigating with the Nikoteen for thrips he always uses it two nights in succession. One application seems to merely benumb the insects, but the second one following closely behind the first carries the effect to the killing point. But there are always some that escape, and the fumigation must be kept up regularly every week. The thrips with him confine their attacks almost entirely to his American Beauty roses.

Mr. Buettner tried the Persian insect powder as recommended some time ago and doesn't care to try it again. It had practically no effect on the thrips, but did have a very bad effect on the roses. They looked afterward as though they had been heavily over-fumigated with burned tobacco stems.

PHILADELPHIA ROSE NOTES.

It is very interesting to note the changes in the methods used in cultivating the rose under glass commercially.

Our grandfathers used to grow them in solid beds in even span houses, producing many fine roses, as they were then considered, in fall and in spring, but not very many in winter. We have gone through a great variety of changes, both in the houses and in their arrangement indoors. Now, curiously enough, some of our growers are drifting back to the old methods, or something very like them.

Three of the prettiest houses around Germantown today are solid beds. Two belong to Joseph Bevis, situated at his new place on the Limekiln pike. Each house is 150x20 feet, contains three beds each, 5 feet wide, and four walks. One house is planted in Bridesmaid, the other in Bride. The plants are in splendid condition, with plenty of stout, heavy canes bearing large buds. These houses produced the first prize winners at the spring show of the Pennsylvania Horticultural Society.

The third house belongs to Charles

E. Meehan, Slocum and Musgrove streets. It is planted with Kaiserin and La France. It is a so-called summer house, just producing its first crop, and the quantity of buds in sight is worth a visit to see. The general plan of the house is somewhat similar to the other, the walks being next the sides.

These houses certainly produce splendid results, skilfully managed, and will well repay careful study.

G. R. OWER.

MIGNONETTE.

The photograph of the three pots of mignonette was taken a few days before Easter. You might merely say that when you meet with success why deviate from the method that gained success, but these mignonette were not the all round success that we expected. The whole batch of about 200 was fine. The 2-ft. rule suspended over the center one will give the size better than any description and they were green to the bottom. They were not tied out in the least. The string that encircled them was merely cut, allowing them to fall loosely apart.

They were handsome, but they did not appeal to the many, as we had to ask \$1.50 to \$2.50 each. As I remarked in a previous issue, the people of most refined taste wanted one, but that class is far outnumbered by those who want a showy plant, and we had about fifty left. These are not a total loss, as there is a dollar's worth of flowers or more on each.

Why I do not call them an unqualified success is because they were too large, and to make them profitable we had to ask a rather high figure. Had they been half the size, equally well flowered and in 5-inch pots, they would have sold by the hundreds at 75 cents each, and that is what we shall aim to have another year.

The plants pictured were sown in a 5-inch pot early in August and several plants thinned out to the three strongest. We intended to flower them in that pot, but they grew so strongly that we had to shift them in November into 7 and 8-inch. They were pinched in October and again in January. During the whole time they were on a bench very near the glass, very light and very cool, often not over 38 degrees during cold weather.

My plan after this will be to sow in 5-inch pots in September, making the soil very solid. It cannot be too firm, and the colder they are, in reason, during the dark days of winter the stouter and stronger they will be.

It may not be generally known what a fine plant for the house the mignonette is. One of these in the office of Director Taylor, Ellicott Square, has kept in perfection for four weeks, and since that time it has been gazed at by all the civilized and semi-civilized nationalities of the world and heard many variations of lingo, but still retains its freshness and sweetness.

WM. SCOTT.

FROM OUR ENGLISH EXCHANGES.

The Gardeners' Chronicle.

DRACAENA VICTORIA.—This is an importation from Brazil, and resembles *D. Lindenii*, but retains its golden variegation as it grows older. The recurved lanceolate leaves taper to each end, and are of a bright golden yellow, with a central band of green, marked with narrow, cream-colored linear streaks. It is one of the handsomest of its class.

WIREWORMS.—Many cultivators have lately used the ordinary commercial flour of mustard against wireworm, and as this substance will not injure plants, it would be well to dig in a good dressing of this. The worms would be very likely to destroy your bulbous irises if you take no means to get rid of them.

this season it carries no fewer than 290, and measures $7\frac{1}{2}$ feet across. I think this close pruning worth repeating, even if one has to wait two years, as the quantity of flower and intense blue is the admiration of all who have seen it.

AZALEA INDICA GRAFTED ON RHODODENDRON COELESTINUM.

—At an evening meeting, on February 12 last, of the Horticultural Society of Vienna, Herr Hofgartner Bayer surprised those present with a magnificent collection of flowering azaleas which were grafted on *Rhododendron coelestinum*. By employing this species as a stock for the azaleas, strong growth is obtained, together with much freedom to flower, and great endurance in the flower. The adaptability of azaleas on this stock for forcing purposes is not impaired.

Syringa pubescens, Turcz., is the only one with violet anthers; that *S. Emodi* is the latest to come into leaf, and the only one with protruding stamens; that all syringas may be divided into two very distinct groups, in one of which the inflorescences are borne directly on the wood of the preceding year (*S. pubescens*, *oblata*, *vulgaris*, *persica* and *dubia*), while in the other they appear at the extremity of the shoots of the same year (*S. Emodi*, *Bretschneideri* and *Josikaea*).

BEGONIA GLOIRE DE LORRAINE.

—Good sturdy cuttings sprang up from the base of the old plants; these, having been subjected to a short rest, were duly cut down; upon the old plants being placed in a high temperature, strong suckers were plentiful; these were the ones selected, and they proved to be the best. Cuttings of



Mignonette grown by William Scott.

ROSES FOR A PENNY-IN-THE-SLOT.—M. Albert Maumene describes, in a recent number of *La Nature*, a new variety of the automatic distributing machine, from which roses can be obtained. The idea originated in Germany, and the falling of ten pfennige ensures the movement of a rose from its position behind a glass screen to a place where it can be reached and drawn out by the purchaser. The machine is stocked every day or every alternate day with fresh flowers placed on view in little tubes of water, whence they move, as said above, to a place where they can be obtained by those desiring them.

HYDRANGEA HORTENSIA.—I forward a head or two of the above, and think you will agree with me that the blue tint is far more intense than what is usually met with. The plant stands somewhat in the shade, and we always find that plants so situated are a far better blue than those in a sunnier aspect. Two years ago I hard pruned this bush, as it was trespassing over the walk too much; last year it only had ten or a dozen heads, while

ROSE SOILS.—The National Rose Society has obtained a series of analyses by Dr. Bernard Dyer, of certain selected soils on which roses of exhibition quality have been grown for years past. The result, so far as the soil is concerned, is negative, and it is evident that the factors are numerous and complex, and do not permit anyone to say with accuracy: "Ah! so-and-so's soil is much better than mine; no wonder he can grow roses." Whilst soil is not without its influence, it is evident that many other circumstances must be taken into consideration.

DISTINGUISHING THE SPECIES OF SYRINGA.—M. L. Henry has lately published in *Le Jardin* a table summing up very succinctly and clearly the marked distinctive characteristics of the species of lilac properly so called, now known. Their determination can now be rapidly arrived at, and with certainty. Certain peculiarities which appear not to have been previously noted, are indicated in this work, and deserve to be remembered. Thus, the facts that, of all the lilacs,

these were, during the last week in May, inserted singly in small pots (2-inch), plunged in the propagating case, where a steady bottom heat was maintained. Rooting having taken place, the small plants were stood upon a shelf near the glass in the same house in direct sunlight, the usual potting being taken in hand as soon as the plants required it; and the plants were again placed upon the shelf in the same position, which was one facing southwest. The potting materials at this stage consisting of equal parts of peat and good fibrous loam, with a large addition of sand, ample drainage being provided, the growth became both rapid and free. A thin stake inserted in the center of each pot allowed the growths to be looped up readily, and the plant being naturally of a branching habit, no stopping or pinching was necessary. As the plants became too large to remain on the shelf, they were transferred to a warm pit, the growth not being checked. They were fed occasionally with artificial manure, in the proportion of a tablespoonful to a gal-

lon of water. The result is that the foliage has quite enveloped the 4½-inch pots with a mass of flower, which brightens up the show-house considerably.

POT-BOUND ANTHURIUMS.—Many plants continue to flower abundantly, though they are pot-bound, if supplied with moisture and other requirements. We have found no plant do better than *Anthurium Scherzerianum*, and its varieties. We have some old plants in capital health, full of vigor, which have not been shifted for some ten or a dozen years, but each season they have flowered profusely from February until August. They have been given a surface dressing with bone-meal and fibery peat before flowering each year. Some varieties of cypripediums and cymbidiums have also succeeded with us under similar treatment. They may be watered liberally under such conditions without fear of doing damage to the roots, but neglect of same is most injurious.

A LESSON ON AFFORDING WATER.—The "Answers" column has recently shown that the cyclamen is proving troublesome at this season. The following notes from a recent paper by Wehmer suggest one cause of trouble. Plants of cyclamen were observed to die off after the leaves, and even flower stalks had fallen over and withered. Closer examination showed that this was preceded by the bases of the stalks of apparently healthy leaves becoming swollen, soft and discolored; a few days later the leaf fell over and withered. In the diseased leaf-bases a fungus was found in active growth; it was one of the *Botrytis* forms, many of which have been described and illustrated in this paper. Observation suggested that careless watering was to blame for the presence of the fungus. Experiments were therefore made by pouring water into the flower pots till the space above the soil was flooded and the leaf-bases stood in water. The water gradually drained away, but several plants so treated showed the above symptoms and became more or less diseased. Other plants watered slowly, so that the water passed at once into the soil, remained healthy. The explanation is that the *Botrytis* fungus is extremely common, especially under glass; for instance, one is almost sure to find it on withering leaves or flowers of petunia or pelargonium. When the pots are flooded in watering, the spores are floated up and into the space inside the broad leaf-bases; there they germinate, and probably pierce the skin of the leaf or flower-stalk. The fungus spreads rapidly, and in a few days renders the leaf-base soft, so that the leaf falls over by its own weight, and lies on the soil withering. The same experiments were carried out on *Primula sinensis* with similar results. The cyclamen and primula have both what are known as radical leaves, that is, the leaves are not borne on stems ap-

pearing above ground, but rise from underground root-stocks; thus the leaf-bases are on a level with the surface of the soil. Many plants with this habit of growth are reared in our houses; a walk around any greenhouse will suggest other examples. The lesson is that with plants of this habit (indeed with plants of any kind in pots), water should not be poured on faster than the soil can absorb it; there should never be a pool of water in the pot, even for a few minutes; this is one of the elementary rules of watering given by every writer, yet we venture to think it is often broken. There are many reasons for this simple rule other than the reason connected with the prevention of disease described above, but we omit these. If the soil in the pot is what it ought to be, and if watering is regularly carried out, there should never be any difficulty about the soil absorbing the water fast enough, even where the stock of plants is large and time precious.

BUFFALO.

Business Conditions.

There is no item of news this week that stands out very prominently. Everybody seems fairly busy and plant men much more so. Business has kept up very finely. Two large weddings of last week created quite a little stir. A contract one was well done by Neubeck & Myers, where "Louie" had a chance to get in some of his best strokes, and did it well. The other was a grand North street affair and of the "go as you please" order, and W. J. Palmer & Son went as they pleased and greatly pleased their patrons.

I looked in at the store of the latter a few days ago and saw a grand lot of roses and carnations, entirely their own product. When you keep a first-class store and every detail is carried out to perfection, even to a soft white paper wrapping round the box containing one dozen Bridesmaids, and then tied with a narrow pink ribbon, you can get, or they get, almost double the price for the same quality flowers that are sold in some slovenly shops.

The Future.

How we do grow in artistic environments and attachments! At the rate we have evolved for the past twenty-five years, what will another quarter century bring forth? Progress is inevitable; there is no such thing as standing still, for in life there is no rest. Pictures of the future may seem ridiculous to some, but reasonable to others. Perhaps in twenty-five years our patrons will alight from their autos and walk over Turkish carpets to luxurious couches, where college-bred men or Circassian girls will take their orders. Fountains of perfumed water and goldfish sporting in the basins. Showers of violets will fall

from the ceiling and the strains of the softest music will float around them. The proprietor will not dream of touching his wares except to hand an exquisite flower to his friend and patron or pass a compliment. His time otherwise will be largely taken up dictating verses to accompany each variety of flower and paying his bills.

Perhaps the greatest change will be in the delivery department. No such plebeian thing as a delivery boy on a bicycle in 1925. The delivery boys will be attired as cupid and very probably fly, but the great medium for distribution will be by pneumatic tube, which will convey parcels quickly to stations in every part of the city. Where the automobile must be used there will be coachman and footman, neither of whom will ever stir from the box, but the footman in the rear will handle the parcels. They will wear breeches and stockings, gold lace and powdered hair, and all the leading florists will have a distinctive livery, which they will guard by patent rights against infringement. Mr. Savin's will be green and gold; Mr. Jhorley's maroon and yellow; Mr. Flushman's, black, with polka dots; Mr. Lift's, blue, with yellow facings; Mr. Kalmer's, grey, with cherry stripes, and so on. All this will come to pass assuredly if you will give us time, but in the meantime we are more than likely to be all swallowed up by the department stores.

Various Items.

Mr. Zimmerman and Mr. Scott are not solely employed handing out carnations. They each have half a score of men grading, seeding and planting on our beautiful streets.

It is very pleasant news to tell you that our popular wholesale man, W. F. Kasting, was on Monday appointed by the mayor a park commissioner. The position is entirely honorary, but it brings honor and dignity with it, and whenever there is a vacancy there is keen rivalry among our best citizens for the position. The board has had for years a very clever botanist and honored citizen, David F. Day, but never what may be called a horticulturist, and in addition to Mr. Kasting the board can still bear another of horticultural knowledge.

They now spend thousands of dollars removing trees which should be chopped down and destroyed. If the able James Braik was superintendent instead of assistant, things would be different, but with all these handicaps we have a glorious park, and much of it is due to the great ability, enthusiasm and honesty of the lamented Wm. McMillan. W. S.

NEW YORK.

Nothing very special to record here. There has been quite a number of weddings the past week; it appears that many superstitious people are yet alive, and they imagine it unlucky to be married in May, consequently there



Bench of new White Carnation Queen Louise at the establishment of Mr. J. L. Dillon, Bloomsburg, Pa.

was a great rush to the altar the last week of April. The floral decorations of the Benedict and the Morton affairs received elaborate attention from the daily press, and perhaps after all the many exaggerations in this regard were more beneficial to the business than otherwise.

All sections of the trade are fairly busy and for a wonder we hear but few complaints. Growers are busy planting out stock, especially carnations, and the number to be grown this coming season will be enormous. Large quantities of bay trees have been imported; they are of good quality and appear to be selling fast. Palm growers to any extent are daily expecting the arrival of large importations of this class of decorative stock, and the price for any size worth looking at promises to be 'way up next fall. You know it's somehow a rule with the majority that the better things are, the better they are expected to be.

There was but a small attendance at the alleys last night and the scores were:

Roehrs	161	165	191	159	192	154
Schulthels	138	176	147	149	187	134
Von Asch	131	132	135	126	139	166
Lang	189	196	168	175	155	176
Donlan . . . . .	...	...	154	140	162	140

J. I. D.

CARNATION QUEEN LOUISE.

We present herewith an engraving from a photograph of a bench of this new white carnation at the establishment of the originator, Mr. J. L. Dillon, Bloomsburg, Pa.

Mr. Dillon has had the variety on trial for the past three years and has found it a strong grower, every shoot producing a flower and with such strong stems that no staking was done

the past season. It has proved an early and continuous bloomer, is pure white and fragrant, with perfect calyx, and Mr. Dillon says he has cut flowers as large as those of Bradt. He says it promises to be the best white carnation ever introduced.

CHICAGO.

The Market.

The supply is still growing and there is a glut of the poorer grades of roses and carnations, while lilies of even first-class quality go begging for a purchaser. Prices are even easier than last week, especially on the poor grades, and the fakir is having his innings.

Shipping trade holds up very well and but for this the market would be badly demoralized. "Dewey day" (last Tuesday) practically killed what local demand there was, and it was a very quiet day in the wholesale houses. Of course, there were a few decorations for small dinners here and there, but it didn't make up for the loss of ordinary demand. Even the fakir couldn't do any business on the street.

The Coal Question.

The coal question will be the special order of the evening at the meeting of the Florists' Club tomorrow (Friday) evening, Handel Hall building, 40 Randolph street, at 8 o'clock. At this meeting some plan of action will be decided upon, and it is hoped that the result will be a material saving to every grower who takes part. By vote of the club it was decided to invite the attendance of all growers at this meeting, whether members of the club or not. The subject is one that

touches the pocket of every grower and there will no doubt be a large meeting and an interesting and profitable discussion.

Various Items.

The decoration of the Auditorium for the Dewey ball last Monday evening was remarkably effective. The prows of ten galleons of ancient type extended on to the floor from the walls at suitable places, and on the foremast of each was placed a very harmoniously combined arrangement of flags. Between two of these galleons, placed more closely together, was erected a private box for Admiral Dewey and his party. This box was decorated with American Beauty roses, and the prows of the galleons were draped with smilax. Palms were placed about the walls in various effective groups. Flags were freely used throughout, but the drapery on the balconies, etc., was of soft green and white, that made an excellent foil for the brighter colored flags. The general effect was excellent, and, though striking, was entirely free from the garishness so common where bright colored flags are freely used. The galleons were of the white staff so largely in evidence at the World's Fair. The designer of the decoration was Mr. James Gamble Rogers, and he is entitled to much praise. The roses, plants and smilax were supplied by Friedman.

In a decoration arranged by P. J. Hauswirth for the monthly banquet of the Commercial Club last Saturday evening, Bradt carnations were the only flowers used. There were numerous plateaus of this carnation and loose flowers of the same were scattered around the candelabra, the latter

being decorated with *Asparagus plumosus*. When filled the plateaus were 20 to 24 inches in diameter and 15 in height. The effect was very pleasing and Phil thinks it was one of the prettiest decorations he ever arranged. The committee complimented him warmly.

He also had a dinner decoration last Monday evening for an affair connected with the Dewey reception at the Auditorium, and for this he used plateaus of sweet peas with asparagus for green. In the asparagus he prefers the paler color noticeable in the younger fronds.

The decorations for Admiral Dewey's breakfast at the Auditorium Annex on his arrival last Monday morning consisted merely of palms and ferns. P. J. Hauswirth banked the windows and Walter Retzer & Co. arranged groups in the room. The mantel in the suite of rooms reserved for the admiral and his wife was handsomely banked with plants and flowers also.

Word from St. Louis is to the effect that the bowlers will be unable to visit Chicago until May 13.

Mr. W. Hizer, Rockford, Ill., was in the city last Tuesday.

Mr. E. R. Tauch, foreman for Walter Retzer & Co., will leave May 12 for a three months' vacation in Europe. He will visit the Paris Exposition.

BALTIMORE.

Personal and Trade Items.

Trade for the week up to date of writing (April 30) has been moderately active, the usual procession of weddings and mild social festivities making a fair and steady demand for cut flowers. These events, with the usual commencement requirements and perennial funeral necessities have kept up a moderately well distributed business. As is ever the case, a good deal of stuff, belated for Easter, has come into the market, especially callas and Harrisii lilies, and run prices down. Violets are about over. Good roses have kept steadily selling and carnations have not been much in excess of demand. Of course, with the freer supply prices relax somewhat all around.

Many roses and carnations are being pulled out now to give room for bedding stuff, and florists who provide this material are busy and expecting to be more so. The weather here continues cool, especially at night, and those who dread the invasion of mildew in their rose houses keep up light firing. The season is still behind hand and many outdoor flowers usually seen on May day will not be in evidence tomorrow. Carnations are being planted out, sweet peas are generally sown, and on every side are seen evidences of the bustle and progress of spring work. Indeed, everyone is so busy now that items of news are scarce and difficult to find.

The handsome palms and other fine foliage plants which have been in the collection of Mr. Wm. W. Spence for many years, and lately under the charge of John Donn, it is reported have been purchased in a block lot by Dr. Douglas H. Thomas, president of one of the largest banks here, who will erect for their accommodation a conservatory at his own residence.

At the Gardeners' Club meeting Mr. George O. Brown, who is a newspaper man, with a great fondness for floriculture, read a paper which was exceedingly well received by the members, who hope to see it published in full. He dealt with florists and gardeners as the ministers to refined tastes and quoted from the poets to show the influence for good which their occupation and labors exerted.

The business of the retail florist is one which, it is assumed with reason, requires some training or apprenticeship, that it may be carried on profitably, but occasionally an instance occurs when a person without training for it, and experienced only in an entirely different occupation, makes it a success. In these cases the traditions of the trade are neglected, but without seeming to lessen the returns.

An illustration is found here in the case of Mr. J. A. Ritter, who for many years carried on a tonsorial establishment on one of the main thoroughfares uptown. In some way he got into keeping a few violets for sale. From this beginning his customers began to inquire for other flowers, and in a year or so he used a room adjoining his barber-shop for the sale of plants. The venture grew, and now he has a neat store room on Charles street and is doing a thriving business, having associated his son with him. He is fortunate in having little competition, and in being located in a very desirable residential part of the city, where a good class of purchasers abounds. He is a judge of flowers, knows just what will please his customers, is enterprising and accommodating, and will build up doubtless a fine business. His Easter trade was phenomenal.

RIX.

ST. LOUIS.

The Market.

The cut flower trade the past week was fairly good and all kinds of flowers were plentiful. The glut is on good and strong. Stock comes in by the wagon load and there is no possibility of selling it all at any price. The street fakirs are having great times now as to who can sell the cheapest and are crowding the downtown street corners with all kinds of good stock.

It's very hard to quote prices of late, as you can buy at your own price. Every grower seems to be in full crop just now and is sending in a fine quality of stock. Maids, Brides, Perles

and Meteors, the standard varieties, are selling for \$5 for first grade, and from that down to \$1 per 100. Some very good stock was bought at the latter price. Fancy Beauties are not so plentiful, but enough of them are in just now. They bring \$2.50 to \$3 per dozen. A great lot of short-stemmed ones come in, which sell for \$1 per 100 up, and are mostly sold to the street fakirs, as the store men have little use for them. Carnations the past week have been a great glut, and are at this writing. Nevertheless some fine Enquirer from Witterstaetter brought \$6 per 100, and were worth every cent of it. The old varieties, such as Scott, Daybreak, Portia and all white, went at \$1, and much cheaper in 1,000 lots.

Lilacs from the South made their appearance early in the week and sold at \$5 per 100 sprays; later in the week \$3 was asked. Of Harrisii we have more than enough, and lots of them are going to waste; \$6 per 100 is the price asked in dozen lots and \$4 in 100 lots. Callas about the same, with plenty of them. Other bulb stock is about cut out and very little of it is coming in now. Tulips are bringing \$1 per 100. Sweet peas bring from 25 cents to \$1 per 100, and are becoming very plentiful. Violets are about gone and very few can be seen. Smilax is also plentiful and seems to sell well.

The demand for flowers at funerals seems to be on the increase, as nearly all the florists reported plenty of work in that line the past week, and the man with a big job was in his glory, as the prices on stock were low and he bought at his own figure.

Various Items.

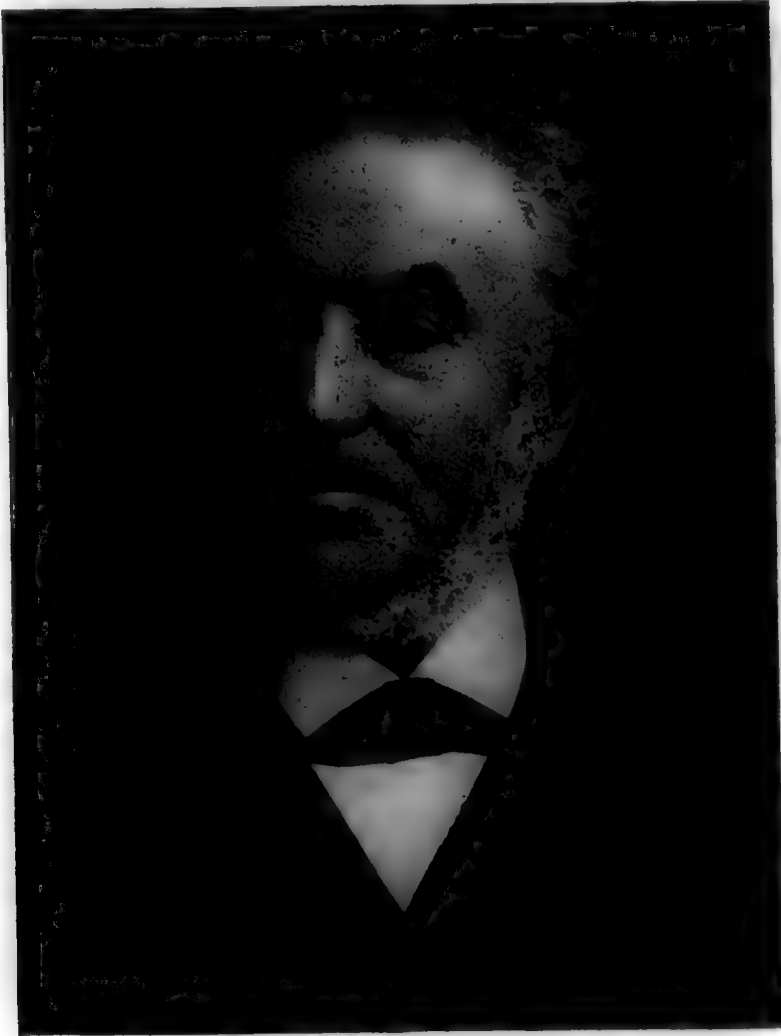
Our visitor last week was Mr. Foreman, of Louisiana, Mo. Mr. Foreman reports that he will build a few new houses this summer.

The Junior Florists' Bowling Club have given up rolling for the summer, but by fall they will be at it again.

The Florists' Club meeting on next Thursday afternoon, May 10, will be a big one and all members are requested to be present. President Ammann says it will be a personal favor to him if they would attend. We expect to have a big show of miscellaneous flowers on exhibition; also interesting arguments on rose grafting. A box of fine cigars will also help a little. So if you don't want to miss a good time, come. Three o'clock is the time for opening the meeting and it's held at the same old place, so you can't miss it.

We are pleased to learn, through the Review, that our old friend and club member, Walter Retzer, has branched out for himself in Chicago. We all wish you well, Walter, in your new venture.

The Florists' Bowling Club have been doing but very little rolling of late, owing to sickness and business, and it has been decided that we would not be able to do business with the



The late John Breitmeyer.

Chicago boys before May 13. We noticed some of their big scores in the Review and we cannot afford to go without some little practice. The scores of the last rolling of the Chicago boys would win from any team, but they are not always that good in regular match games. They may be rolling on 36-inch alleys, such as our friend, Phil Scott, and his Denver club admits theirs are. What a picnic that would be for us.

Bowling.

The bowling club has too many members on the sick list and others too busy with spring work to do much rolling, and only two of its cripples showed that they were still able to roll a few good games. The scores below will show what they did:

	1	2	3	4	5	6	Tot.	Av.
C. A. Kuehn.	179	177	146	194	172	151	1019	170
J. J. Beneke.	169	219	129	134	171	193	1014	169
J. J. B.								

SAN FRANCISCO.

The Market.

Easter trade in San Francisco was very good this year. All kinds of stock was plentiful, with the exception of Harrisii. Although some of our retailers had all the Easter lilies they could handle, others found themselves short about midday, and found much

trouble in filling their orders. However, it was a first-class Easter with most of our florists. A few retailers, new in the business, did not fare so well as the older firms; that must be expected; but as each year flies past they will find themselves on a better footing.

Azaleas sold above any other plant. Crimson Ramblers came next. Potted Harrisii went rather slowly; customers seemed to prefer them in a cut state.

Since Easter trade has been very good, and looks likely to continue so. A number of weddings have taken place this week among the upper class and helped to keep our florists on the move in decorations, cut flower sales and collecting bills for same.

Outside roses are now at their best and some fine Jacks, Ulrich, Brunners and Cecil Brunners can be seen in market. Inside roses of all kinds are plentiful and of good quality. Carnations are also in abundance and good quality.

Prices: American Beauties, \$1.50 to \$2.50; Brides, Bridesmaids, Meteors, Testouts, 35 to 50 cents; Perles, Siebrecht, 35 cents; Kaisersins, 40 to 50 cents; Cecil Brunners, 3 and 6 dozen for 25 cents; Harrisii, \$1.50 to \$2.50; tulips, 50 cents per dozen; iris, 35 cents per dozen; carnations, Hobart \$1, Crocker 75 cents, Bradbury 35,

50 and 75 cents, Bradt, Nugget, 35 cents, Flora Hill 25 to 50 cents, Scott 20 cents, Portia 10 cents.

Various Notes.

Mr. John Jack has given up his position at the Oakland race track. His plans for the future are unknown; possibly may start in as a grower for the San Francisco market. It's a daughter this time—a Queen yet a Jack. The new addition to the family came on Good Friday. Mr. Jack is happy. Congratulations.

Sievers & Borland are out with a new wagon this week. It's a dandy. As an advertisement it is all right, but Frisco's streets hardly suit a florist's wagon; too many cobbles and hills that only a goat could climb. The street cars are best for cut flower delivering in San Francisco.

Stevenson's decoration at the Emporium was made up with four carloads of palms, various kinds, 12 to 20 feet in height; 5,000 calla lilies, 3,000 Harrisii, and 4,000 Woodwardia ferns.

Jones, on Sutter street, had a decoration at the Palace Hotel last week. Papa Gontier roses and ferns only were used.

Charles Stepenback, Polk street, "The American Florist," and the only one in San Francisco, reports a very good Easter business.

E. Gill, 548 Fourteenth street, Oakland, opened up for business on April 19. The new store is fitted in grand style and with the latest improvements in electricity that shower their rays of light on one of the finest displays of cut flowers and plants to be seen in town. Mr. Gill says the others will have to hustle if they want to get ahead of him.

J. N.

JOHN BREITMEYER.

We present herewith an excellent portrait of the late John Breitmeyer, of Detroit, Mich., whose death was recorded in our last issue.

Mr. Breitmeyer was one of the pioneers in the trade in this country and he kept step with the marvelous progress made during his long life. He was a type of the earnest and progressive business man who tempers his enterprise with wise conservatism, and he amassed a considerable fortune.

For some years he had taken but little active part in the large business he founded, having several able sons who were fully competent to relieve him. His death will therefore make little if any change in the conduct of the business.

IF YOU have not already done so, please send us an accurate list of those in the trade that receive their mail at your postoffice, and greatly oblige the publishers.

DREER'S Special Offers of Hardy Perennials

Special List of Varieties Suitable for Out Flowers.



ANEMONE QUEEN CHARLOTTE.

For full line of Hardy Perennials, Hardy Climbers and all other reasonable stock please refer to current wholesale price list.

	Doz.	100		Doz.	100
Achillea, The Pearl, 2 1/4-in. pots, \$0.60	\$ 4.00		Hollyhocks—		
Anthemis Tinctoria, .60	4.00		Choice mixture, strong clumps, \$1.00	\$ 8.00	
" Kelwayi, .60	4.00		Allegheny, mixed, 1.25	10.00	
Anemone Japonica Alba, .60	4.00		Hypericum Moserianum, two-year-old plants, 1.00	8.00	
" Elegans, .60	4.00		Iris Kaempferi, 24 finest named varieties, strong, 1.50	10.00	
" Lady Ardilaun, .60	4.00		Iris Kaempferi, choicest mixture, 1.00	8.00	
" Whirlwind, .60	4.00		Incarvillea Delliavayi, new, 4.00		
" Queen Charlotte, new, 2 1/4-in. 1.25	10.00		Lychnis Vespertina Alba Plepa, strong clumps, 8.00	15.00	
Boltonia Asteroides, strong divisions, .75	6.00		Lychnis Chalcidonica, fl. pl., strong, 3-in. pots, 1.50	12.00	
" Latisquama, .75	6.00		Lychnis Viscaria Splendens, strong clumps, 1.25	10.00	
Caryopteris Mastacanthus, 2 1/4-in. .60	4.00		Physostegia Virginica, strong divisions, .75	6.00	
Ceanothus Gloire de Plantieres, 3-in. 2.50	20.00		Physostegia Virginica Alba, strong divisions, .75	6.00	
Clematis Recto, two-year-old, 1.50	12.00		Platycodon Japonicum, fl. pl., strong clumps, 1.00	8.00	
Coreopsis Lanceolata, strong clumps, .75	6.00		Platycodon Mariesi, strong clumps, .75	6.00	
" Graniflora, .75	6.00		Primula Veris, English Cowslip, .75	6.00	
Delphinium Chinensis, one year old, .75	6.00		Pyrethrum Hybridum, choice mixed seedlings, clumps, 1.00	8.00	
" Formosum, .75	6.00		Pyrethrum Hybridum, choice mixed seedlings, 3-in. pots, .75	6.00	
" Sulphuricum, two, 2.00	15.00		Pyrethrum Uliginosum, strong divisions, 1.00	8.00	
" Belladonna, 3-in. pots, 2.00	15.00		Phlox, The Pearl, fine white, 2 1/4-in. pots, .75	5.00	
" Frau Emma Metzger, 2 1/4-in. pots, 2.50	20.00		Phlox, 24 finest varieties in cultivation, 2 1/4-in. pots, .75	5.00	
" Wilkie Collins, 2 1/4-in. pots, 2.50	20.00		Ranunculus Acris fl. pl., strong divisions, .75	6.00	
Doronicum Austriacum strong plants, 1.00	8.00		Rudbeckia Golden Glow, large clumps, 1.25	10.00	
" Caucasicum, 1.50	12.00		Rudbeckia Golden Glow, strong divisions, .50	3.00	
" Excelsum, 1.25	10.00		Rudbeckia Newman, strong divisions, .75	6.00	
Eupatorium Coelestinum, strong divisions, .75	6.00		" Purpurea, 1.00	8.00	
Gaillardia Grandiflora, 3-in. pots, .75	6.00		Scabiosa Caucasica Blue, 3-in. pots, 1.25	10.00	
" 4-in. pots, 1.00	8.00		" Alba, 1.25	10.00	
Gypsophila Paniculata, strong, one year old, .75	6.00		Statice Latifolia, one year old plants, 1.25	10.00	
Helenium Autumnale Superbum, strong divisions, 1.00	8.00		Tritoma Uvaria Grandiflora, clumps, 1.50	12.00	
Helenium Grandicephalum Striatum, strong divisions, .75	6.00		" " strong divisions, .75	6.00	
Helenium Pumilum, strong divisions, 1.25	10.00		" Pfizeri, new, 1.50	10.00	
Helianthus Multiflorus, fl. pl., strong divisions, .75	6.00		Veronica Longifolia Subsessilis, clumps, 2.00	15.00	
Helianthus Multiflorus Maximus, strong divisions, .75	6.00		Veronica Longifolia Subsessilis, 2 1/4-in. pots, .75	5.00	
Helianthus Maximilliana, strong divisions, .75	6.00		Veronica Spicata, strong divisions, 1.00	8.00	
Helianthus Rigidus, strong divisions, .75	6.00		" Alba, 1.00	8.00	
Helioxis Pitcherianus, .75	6.00				
" Scaber, .75	6.00				
" Major, new, 2 1/4-in. 1.00	8.00				
Heuchera Sanguinea, 3-in. pots, 1.25	10.00				
" Alba, 3-in. pots, 1.00	10.00				
Hollyhocks, Dreer's Superb Double, strong clumps, white, pink, salmon, yellow, bright red, maroon, 1.25	8.00				

HENRY A. DREER, 714 CHESTNUT ST., PHILADELPHIA, PA.

ST. PAUL.

Ideal weather assisted in making Easter trade the very best on record, both in the amount of sales and in the quality of stock grown and handled.

Everything in the way of a plant in bloom sold well, while cut flowers were also in good demand. The supply of plants was hardly adequate to the demand and everyone seems to have sold out clean by Sunday noon. Lilies sold readily at 25 cents per bloom. Azaleas were in good demand at from \$1.50 to \$10 each, the most popular variety being Mme. Vander-cruysen. Hydrangeas in all sizes sold very readily at prices ranging from \$1 to \$8 each at retail. Choice Brunner roses went like frost on a hot June day; in fact, roses in bloom always sell well on such occasions. Crimson Ramblers in full bloom met with ready sales. Spireas were in good demand and retailed at 50 cents to \$1 each. Smaller plants, like hyacinths, tulips, daffodils, etc., in pots and pans, sold fairly well.

In cut flowers the most noticeable shortage was in carnations. Roses were fairly abundant, though more good stock could have been used. Vio-

lets were very plentiful and in great demand. Bulbous stock was fairly plentiful and sold readily. In fact, there was nothing that did not sell well in plant or cut blossom.

Retail prices ranged about as follows: Roses, \$2 to \$2.50 per dozen; carnations, common 75 cents to \$1, fancy \$1.50; violets, 50 cents per bunch.

Nothing new or striking was seen and the same class of plants that sold well a dozen years ago were in good demand this season. Deliveries were made in open wagons, without protection, and complaints were very few. Shipping trade seems to have beaten all records. Several thousand cut lilies were shipped to Milwaukee and Chicago.

As usual, some plants were too late for Easter; quite a good many lilies and Rambler roses being among the number. The growers seemed to be fooled as much by a late Easter as by an early one.

Trade has been very good of late in all lines; spring has come on with a rush, trees are in full leaf, and everybody and everything full of life and happiness. Owing to the lateness of

Easter bedding plants were somewhat neglected and kept back; but the bright weather since has assisted in bringing them along in nice shape, so that they will be ready when the soil is ready for them. There seems to be an abundance of good bedding stock, and indications would point to a good demand for it.

One of our leading firms is offering cash prizes for the best display of sweet peas grown from their seed. This is stimulating a love for the beautiful. A local paper is also offering a cash prize for the most beautiful flower garden; all of which stimulates trade.

L. L. May & Co. report a very successful season in the seed trade, both wholesale and retail. They have commenced active operations at their farm, planting sixty acres to nursery stock and small fruits and a large acreage for onion seed, onion sets, etc., besides extensive trial grounds.

X. Y. Z.

THE Florists' Manual contains 200 articles by Mr. Wm. Scott on important trade subjects and they are illustrated by 224 handsome engravings from photographs.

ESTABLISHED 1802

THORBURN'S SEEDS

Florists are invited to send for our quotations
ON

FORCING BULBS,
ROMAN HYACINTHS,
LILIAM HARRISH,
LILIAM LONGIFLORUM, etc., etc.

We are large importers of
HIGH CLASS BULBS.

J.M.THORBURN & CO.

(Late of 15 John Street)

36 CORTLANDT STREET, NEW YORK

Mention The Review when you write.

THE COLOR OF FLOWERS.

The red pigment of several kinds of berries was formerly regarded as a blue pigment reddened by acid. Berzelius, in 1837, found this was not so with some berries and leaves he examined. Julius Wiesner, in 1862 and 1872, after a series of experiments, came to a conclusion contrary to Berzelius, that the original and actual color of anthrocyan was blue, not red.

To settle the dispute P. Q. Keegan (Nature) made a research this year, and concludes that there are different stages in the development of the floral pigment. In the lower stages the natural color is red, whatever the chromogen may be, and so far Berzelius was right. In the higher stages, however, the natural color of anthrocyan is blue, or, at least, with some chromogens becomes capable of forming blue compounds or lakes with alkalis and certain metallic salts. This investigation also shows that chromogenes exist which, unless under very exceptional conditions and circumstances, are incapable of producing blue pigment, and these in all stages naturally develop into a red, the brilliancy of which, when contrasted with that of a blue accidentally obtained in an allied species, attests its real, original and proper character.

RICHMOND, IND.—On April 24 the Quaker City Machine Co., makers of the Challenge ventilating apparatus, admitted a new partner in the person of the eldest son of Mr. and Mrs. J. A. Evans. To be sure, he will not be of age till 21 years hence, but he is already making things lively, and is giving John points on several things. Congratulations.



Bay Trees!

IN
ALL
SIZES.

PYRAMIDAL

...OR...

STANDARD FORM

**Bobbink &
Atkins,**

RUTHERFORD, N. J.

Mention The Review when you write.

10,000 Excellent

Stocky
4-inch

LATANIA...

Ready for shifting.

\$20.00 per hundred; \$190.00 per thousand.

WALTER RETZER & CO.,

Successors to ALBERT FUCHS,

2045-2059 Clarendon Ave., - - CHICAGO, ILL.

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DENVER, COLO.

I send you some scores rolled at the last club roll by Denver bowlers that I think will knock your eye out. There were only two of us at the alleys that night, but we rolled our usual three games just the same.

I got 224 the first game, 234 the second game, and started off the third game with a strike, but got a spare in the second frame and then finished up with ten strikes, giving me 280 total. Now these scores won't look right in the paper, I know, but to satisfy the florists' bowlers throughout the country will say that the alleys are regulation in length but are six inches narrower than they should be. Could we be guaranteed such alleys at New York, I think it would be no trouble to get six men to make the trip, for surely I think we could land the prize.

Av.
Phil. Scott224 234 280 246
John Berry161 221 183 188
PH. S.

ROCKFORD, ILL.—W. Hizer opened a down-town store at 115 W. State street, April 10. He reports an excellent Easter trade and feels he has made no mistake in opening a down-town salesroom. He will add some new glass to his greenhouse plant this summer.

MESSRS. Bobbink & Atkins, Ruthersford, N. J., have received a very large shipment from Europe, including 600 Bay trees, 150 cases ficus cuttings, 100 cases palms, araucarias, etc. It occupied the entire fore part of the steamer. The lot of Bay trees is especially fine.

A GERMAN EXHIBITION OF THE FLORISTS' ART.—We are informed by the president of the committee, Dr. M. Schmidt-Metzler, that it is intended to hold a general exhibition of objects of the florists' art—cut blooms and articles used in the work of a florist—in the Palm Garden, Frankfort-on-the-Main, on June 23, 24 and 25, 1900. The exhibition is the outcome of a desire on the part of professional and amateur patrons of the business, which has greatly increased as an industry in Germany as elsewhere, to afford the general public a collective idea of the florists' art of the present day, and of its capabilities. The exhibition will cover the entire area of the florists' industry, such as the decoration of saloons and apartments; the flowers and greenery necessary in carrying out different descriptions of decoration, baskets, china, glass and other objects used in the work, being of German origin. Frankfort has long possessed a reputation for excellence in the florists' art, and it is hoped that an exhibition in that town will lead to an improved taste being displayed in other parts of the country. A large number of prizes in money, as well as gold and silver medals, will be awarded to competitors.

E. H. HUNT

THE "OLD RELIABLE" FOR

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Hunt's Flowers Go Everywhere.

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500,000 feet of Glass.

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WE ARE LARGE GROWERS AND
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ALL THE NEW VARIETIES.

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Maplewood Cut Flower and
Plant Co. GEO. M. KELLOGG, Pres.

Growers of CUT FLOWERS at Wholesale.

Regular shipping orders given special attention. We have the largest plant west of Chicago.

Store: 906 Grand Ave., KANSAS CITY, MO.
Greenhouses; Pleasant Hill, Mo.

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F. F. BENTHEY, Mgr.

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Cut Flowers and Florists' Supplies.

Manufacturer of the Patent Wire Clamp Floral
Designs. A full line of supplies always on
hand. Write for catalogue and prices.

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FLORIST,1322 Pine Street,
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WHOLESALE SHIPPING

FLORISTS

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The Cincinnati
Cut Flower Co.,416 Walnut St., Wholesale Florists.
CINCINNATI, O.Consignments Solicited.
Special Attention given to Shipping Orders.

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AWARDED
CERTIFICATE OF MERIT

Penna. Horticultural Exhi-
bition at Phila., March 21,
1900. for choice Areca
Lutescens, etc., etc.

Choice ARECA LUTESCENS, KENTIA BELMOREANA,
LATANIA BORBONICA and PHOENIX RUPICOLA.



ARECA LUTESCENS.

	Each
8-in. pot (3 plants), very bushy, 26 to 30 inches high.....	\$ 2.00
8-in. pot (3 plants), very bushy, 30 to 36 inches high.....	2.50
14-in. pot (3 plants), very bushy, 7 to 8 feet high.....	20.00

KENTIA BELMOREANA.

	Per doz.	Per 100
3-in. pots, 4 to 5 leaves, 10 to 12 inches high.....	\$3.00	\$25.00
4-in. pots, 5 to 6 leaves, 15 to 18 inches high.....	6.00	50.00
6-in. pots, 6 leaves, 20 to 24 inches high.....	18.00	150.00

LATANIA BORBONICA.

	Each
10-in. pot, 9 to 10 leaves, 30 to 36 inches high, 42 in. wide.....	\$4.00

PHOENIX RUPICOLA.

	Each
8-in., 24 inches high.....	\$2.00

My packing is done in the best possible manner, and shipping facilities for both freight and express are unsurpassed. A Trial Order is Solicited.

JOSEPH HEACOCK, - - WYNCOTE, PA.

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Good Stock

	Per 100
5000 Geraniums, named, our selection, 4-in....	\$8.00
4000 Obconica, 4-in.....	6.00
5000 Alternanthera, large leaved, pink, 2½-in.	2.00
10 0 California Moss, 2½-in.....	1.50
500 Mums, Mme. Des Granges, 2½-in.....	2.00
2000 Fuchsias, choice mixed, 2½-in.....	2.00
5 0 Variegated Vinca, trailing, 7-in.....	20.00
1000 Hydrangeas, Dr. Hogg, 5-in.....	15.00
2000 Flowering Begonias, our selection.....	1.50
5000 Double Petunias, mixed, 4-in.....	6.00
1000 True Maidenhair Ferns, 2½-in.....	4.00
500 Dracaenas, red, 6-in.....	15.00

The Morris Floral Co.
MORRIS, ILL.

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DAHLIAS BY THE THOUSANDS. Do you want the finest novelties, or are the older tested ones good enough? I have both, and they have taken the highest national honors. Am also headquarters for Cannas, Gladiolus and Paeonies. Write for catalogue and prices. **W. W. WILMORE, Dahlia Specialist, DENVER, Colo. Box 382.**

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DREER'S Superb Double HOLLYHOCKS....

We offer strong one year old field-grown clumps of Hollyhocks in separate colors as White, Bright Red, Pink, Yellow, Maroon and Salmon, \$1.25 per doz.; \$10.00 per 100; or in choice mixture, \$1.00 per doz.; \$8.00 per 100.

Mammoth Fringed Allegheny Hollyhocks

in choice mixture, strong clumps, \$1.25 per doz.; \$10.00 per 100.

Henry A. Dreer, 714 Chestnut St., PHILADELPHIA, PA.

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BRANT & NOE, Forest Glen,
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WHOLESALE GROWERS OF ROSES

Ship Fresh Roses Direct from Greenhouses to Retailers. Carefully graded. Prices Right. Try us.

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Here Is Your Chance

A Twenty Sectional Exeter Boiler as good as new for one-fourth the price. Also Golden Gate, Bride and Bridesmaid, good 2-in. stock, while they last, \$2.50 per 100. For particulars address

S. S. SKIDELSKY,
730 Pine Street, Philadelphia, Pa.
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{ Until further notice, will be open from }
6:30 a. m., to 10.00 p. m.

American Beauties and Valley Our Specialties. 1612-14-16-18 Ludlow St., Philadelphia, Pa.

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BOSTON.

No change in Boston, except in the weather.

The past week has been one of the rockiest. Goods of all kinds got overplentiful and prices melted away like snowbanks in July. The grower's only hope is that his plants must soon become tired and refuse to supply blossoms in such profusion.

The veteran retailer and violet-grower, A. P. Calder, has closed his doors and advertises himself as located at the green houses. Probably he will reopen next autumn during the violet season, during which time he has a remarkably good trade in his favorite blossom.

Guess spring is here all right. Boston Common is strewn with dandelion blossoms. Of course, robins have bills, but it seems they do not pay them very promptly; at least their notes are being given the florists very freely just now.

The Hawley street auctions are on in full force and present an unrivalled opportunity to procure the class of goods handled there. B. T.

PHILADELPHIA.

Trade has been very good the past week, as weddings have been quite numerous. Pennock Bros. had some eight or ten large wedding decorations to execute. Flowering plants left over from Easter came into play on these occasions.

Prices: Beauties, \$5 to \$20 per 100; Brides, Maids, Kaisersins, Meteors, Golden Gates, Morgans, \$3 to \$8; Liberty, \$4 to \$15; Perles, \$2 to \$6; carnations, ordinary \$1, fancy \$1.50 to \$3; callas, \$8 to \$12; Harrisii, \$6 to \$10; valley, \$4; daisies, \$1; mignonette, \$2 to \$4; sweet peas, \$1 to \$2; adiantum, \$1; asparagus, \$50; smilax, \$20.

Mark Aitken, Springfield, Mass., was a visitor this week. R.

Chatham, N. Y.—R. E. Shuphelt reports an excellent Easter business, but not enough carnations, as weather was unfavorable the week preceding. There was a rush of funeral work, as is usual when burdened with holiday business.

SAGINAW, MICH.—E. A. Grohmann, the florist, was the victim of a very painful accident recently. He and a party of friends were repairing his naphtha launch, when an explosion occurred and he was badly burned. His hair and eyebrows were seared and his face and hands were blistered in a serious manner.

PITTSBURG CUT FLOWER CO., Ltd. WHOLESALE FLORISTS.

Long Distance
Phone 2167.

CONSIGNMENTS SOLICITED.

No. 504 Liberty St.,
PITTSBURG, PA.

FLORISTS' SUPPLIES.

Write for Price List.

Mention The Review when you write.

VEGETABLE PLANTS.

LETTUCE, Boston Market, Tennis Ball, Curled Simpson, Grand Rapids and other varieties, 15c per 100; \$1.00 per 1000; \$8.50 per 10,000, if by mail, add 10c per 100.

TOMATO, small plants for transplanting, in several varieties, 15 cts. per 100; \$1.00 per 1000.

PEPPER, small plants for transplanting, in several varieties, 25 cts. per 100; \$2.00 per 1000, if by mail, add 10 cts. per 100.

EGG PLANTS, New York Improved, for transplanting, 25c per 100; \$2.00 per 1000.

CELERY, White Plume and Golden Self-Blanching, 15c per 100; \$1.00 per 1000.

Other Vegetable plants in season. Cash with order.

R. Vincent, Jr. & Son, White Marsh, Maryland.

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Trade List now ready. 5000

Each of the Following:

- DAHLIAS**. Whole roots, fine assortment at \$90.00 per M.
- WICHURAIANA ROSES**. 1 and 2 years, \$50.00 and \$75.00 per M.
- ROSA MULTIFLORA JAPONICA**. 2 and 3 yrs., \$50 and \$75 per M.
- ROSA RUGOSA**. 3 to 4 feet, at \$250.00 per M.
- HALL'S HONEY-SUCKLE**. Strong, \$50.00 per M.
- CLEMATIS PANICULATA**. Pot grown, \$90.00 per M.
- Clematis Paniculata**. 2 yrs. field grown, \$90.00 per M.

The Wm. H. Moon Co.
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OTTO SCHWILL & CO.,

Florists
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Proprietors of Memphis Nursery. Are Headquarters for
SOUTHERN COW PEAS.

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Write for prices.

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GIVE US
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TRIAL.
WE CAN
PLEASE
YOU.

Roses,
Carnations
and all
kinds of
Seasonable
Flowers
in stock.



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We Command a Good Market.

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Floral Fancies, Language of Flowers,

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ADVERTISING
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FLORIST.

Diffuse in poetry and sentiment. Of special interest to young people. Elaborate in designing, handsome and attractive. Inexpensive. Samples 4 cents in stamps.

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J. DONALDSON, SECRETARY.

EDWARD B. JACKSON, Wholesale Florist.

HARDY HERBACEOUS PLANTS ONLY.

In any quantity for the least money.

STAMFORD, CONN.

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Vincas and Lemon Verbenas....

	Per 100
Alternanthera, red and yellow, \$3.00 per 1000.....	\$.60
Achyranthes.....	1.00
Anthemis Coronaria (Dbl. Yellow Marguerite).....	2.00
Ageratum, blue and white.....	1.00
" Princess Pauline.....	1.25
Alyssum (Double Giant).....	1.00
Begonia, Erfordii, Rex, Inc. Gigantia.....	2.00
Coleus, fancy and large leaf.....	1.00
Coleus, mix. col., \$5 per 1000.....	.60
Verschaffeltii, yellow and selected kinds, \$7 pr 1000.....	.80

	Per 100
Forget-Me-Not (Winter Flowering).....	\$2.00
Fuchsia, assorted.....	1.50
" Sun Ray, variegated.....	4.00
" Trailing Queen.....	1.50
Geraniums, named.....	2.00
Mixed.....	1.50
Mrs. Parker (Dble. Pink Silver Leaf).....	4.00
Silver Leaf and Rose Scntd.....	1.50
Mme. Sallerol.....	1.25
Double New Life.....	4.00
Mars and Freak of Nature.....	3.00

	Per 100
Geraniums, Mrs. Pollock and Happy Thought.....	\$2.00
Bronze.....	2.00
Mme. Bruant.....	2.50
German Ivy.....	1.25
Heliotrope (purple & white).....	1.25
Impatiens Sultani.....	2.00
Lemon Verbena.....	1.50
Lantana, assorted.....	1.50
Trailing.....	2.00
Lobelia.....	1.00
Manettia, bicolor.....	2.00
Salvia.....	1.25
Stevia Var.....	1.50
Tradescantia (tricolor).....	2.00
Vinca Var., extra strong.....	1.50
Verbena, \$7.00 per 1000.....	.75

TERMS CASH OR C. O. D.

PLANTS.

	Per 100
Alternanthera, 2 1/2-in.....	\$2.50
Anthericum, 3-in.....	6.00
Abutilon Var., trail'g, 2 1/2-in.....	4.00
Begonia, Rex, assort., 2 1/2-in.....	4.00
" named, 4-in.....	6.00
" " 4-in.....	10.00
Coleus, 2 1/2-in.....	3.00
Dracaena Ind., extra fine, 3-in.....	10.00
3 1/2-in., \$15.00; 4-in., \$25.00; 5-in., \$35.00 to 50.00	
Forget-Me-Not (Winter Flowering), 2 1/2-in.....	4.00
Fuchsia, 2 1/2-in.....	4.00
Geraniums, Happy Thought, 2 1/2-in., \$4.00 and 8.00	
Mars, excellent plants.....	8.00
S. A. Nutt, 2 1/2-in., \$6.00; 3-in.....	8.00
La Favorite, 3-in.....	6.00
Silver Leaf, 2 1/2-in.....	4.00
Mrs. Pollock, 2 1/2-in.....	4.00
Ivy Geraniums, 2 1/2-in.....	4.00
Lemon Verbena.....	\$3.00, \$4.00, 6.00
Mignonette, 2-in.....	2.00
Manettia bicolor, 2 1/2-in.....	4.00
Single Petunias, from Flats.....	1.50
2 1/2-in., \$3.00; 3-in., \$5.00	
Palm, Washingtonia filefera, 2 1/2-in.....	4.00
Pansy Plants, \$3.00 per 1000.....	1.00
" 5.00.....	.60
Vinca, 2 1/2-in., \$3.00; 3-in., \$6.00; 3 1/2-in.....	8.00
4-in., \$10.00; 5-in., \$15.00	
Salvia.....	2 1/2-in., \$3.00; 3 1/2-in..... 6.00

GREENE & UNDERHILL, WATERTOWN, N. Y.

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Gold Standard Value

Represents Quality of Stock Listed below.

25,000 2 1/2-inch Roses, no finer stock grown. Brides, Perles, Meteors and Maids, \$3.00 per 100. Kaiserin and Golden Gate, \$4.00 per 100. Guaranteed satisfactory in every respect.

25,000 Carnations, strong, healthy, well rooted stock, sure to please. Lawson down to Lizzie Mc Gowan. 25 leading up-to-date varieties. Standards, \$7.50 per 1000. Send for list.

Mammoth Verbenas, 20th Century collection. Rooted Cuttings all sold. Strong 2-inch, ready May 10th, \$2.00 per 100; \$20.00 per 1000.

Double Fringed Petunias, Henderson's and Dreer's latest sorts. We all know that they lead the world, strong, 2-in., ready May 10th.

Geraniums, strong 2 1/2-inch, choicest standard varieties, \$3.00 per 100. Mme. Sallerol, strong 2-in., \$2.00 per 100. Rose Geraniums, strong 2 1/2-in., \$2.50 per 100.

Ageratum, Princess Pauline, the only one to grow, \$1.00 per 100. Extra strong, 2 1/2-inch, full of Cuttings, \$2.50 per 100.

20,000 Pansies from \$10.00 seed, big plants in bud and bloom, \$1.50 per 100.

Fuchsias, 10 leading sorts, \$1.00 per 100; strong 2 1/2-in., 30; strong 2-in., 2 1/2c.

Smilax, strong seedlings, 50c per 100; \$4.00 per 1000 by mail. Extra strong 2-in., \$1.25 per 100; \$10.00 per 1000.

Vincas, strong, 2 1/2-in., Major and Variegata, 30; strong, 2-in., 2 1/2c.

Marguerites, New California Giant White, strong, 2-in., \$2.50 per 100, New Golden, same price.

Our wholesale descriptive list of Specialties mailed on application. Terms, strictly cash with order. Small packages by mail.

South Side Floral Co., Springfield, Ill.

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Extra Strong METEOR ROSE PLANTS

2 1/2-in. Pots, Now Ready.

Surplus stock from plants reserved for our planting, at the low price

\$2.50 per 100, **\$20.00** per 1000

Address THE FLORAL EXCHANGE, Inc.

Edgely, Bucks Co., Pa.

The home of the famous new Rose.

"The Queen of Edgely," PINK AMERICAN BEAUTY....

Mention The Review when you write.

New Rose LIBERTY.

We can still supply (immediate delivery), a fine lot of this grand new Rose.

Plants on their Own Roots, 2 1/2-inch pots.	Grafted Plants from 2 1/2-inch pots.
In lots of 100 or over.....	25c each.
" 50 ".....	30c "
" 25 ".....	50c "
" 12 ".....	60c "
Single plants.....	75c "
	Single plants.....\$1.00 "

HENRY A. DREER,

714 Chestnut Street, * * * PHILADELPHIA, PA.

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Winter Flowering Roses....

GRAFTED AND ON THEIR OWN ROOTS.

—SEND FOR OUR PRICES—

J. L. DILLON, - - - Bloomsburg, Pa.

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Chinese Primrose Seed.

The finest large flowering fringed varieties grown. Not to be compared to cheap imported seed. Special Florists' Packet of 13 varieties, single and double, 500 seeds, \$1.00.

PRIMULA OBCONICA GRAND. ROSEA. The finest of the improved Obconicas, 1000 seeds, 50 cents.

CINERARIA SEED of finest large flowering dwarf varieties in best mixture, 1000 seeds, 50 cents.

The Home of Primroses.

JOHN F. RUPP, Shiremanstown, Pa.

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E. G. Hill & Co.

Wholesale Florists,

RICHMOND, INDIANA.

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MAMMOTH VERBENAS.

Mammoth Verbenas, rooted cuttings, large stocky plants, coming in bud just right for spring trade. Plenty of red and pink if wanted, 50c per 100; \$4.00 per 1000; 2-in., in bud, \$1.00 per 100, in bloom, \$1.50 per 100. Heliotrope rooted cuttings, dark blue, \$1.00 per 100. Lobelia in bloom or without, 3-in., \$4.00 per 100. Begonia Vernon, \$1.50 per 100. Ageratum, blue, 3-in., in bud, \$1.00 per 100. Write for prices on larger quantities. Satisfaction guaranteed. Send for sample.

SAMUEL WHITTON, 15-17 Gray Ave., UTICA, N. Y.

Mention The Review when you write.

PROVIDENCE, R. I.

They all sold out; sold out of house and home at 25 per cent advance on last year's prices. The only trouble was, had not enough stock.

The writer found John Macrae puffing a weed in his new office, which is fixed up in style, showing there're no flies on Mack. John has made great improvements in his place the past year and the boys, including the writer, wish him good luck.

Rennie & Pind are going right ahead in their large store on Washington and Eddy streets. I hear some talk of Rennie inviting the boys down to do the highland fling.

At the meeting of the Florists' and Gardeners' Club, held on the 12th, the subject of delinquent members was taken up, and, unfortunately, some weeding out was the result, but I am happy to say all the full-blooded stock is left, and the president says the club shall go ahead. There was quite a discussion on uniform prices. The retail men seemed to think the wholesale men have the best end of the stick.

Seedling pinks are all the rage here and Fred Hoffman has a grand lot. Hoff is on the track.

The only lady landscape gardener is on hand in this neighborhood. Perhaps it's just as well there are not too many of them. SMILAX.

GRAND RAPIDS, MICH.

The weather is fine, carnations are in full crop and of exceptionally fine quality, Flora Hill coming with a stem that ought to be hers all winter, then Flora would be the white, as she is now better than White Cloud. A start is being made to get the carnation crop planted, the weather being fine for that purpose. Business has dropped off considerably, although there is little, if any, good stock going to waste. Cheap goods don't seem to be wanted. Carnations run from 25 to 50 cents per dozen; roses, \$1 to \$1.50 per dozen; lilies, \$1.50. Plant sales are slow and a sort of a lull on hand, giving us a chance to make ample preparations for Decoration day trade.

Ben Pohlmann, foreman for Crabb & Hunter, has gone into partnership with F. Hills, who furnishes the means, and they will build a large range of glass at East Grand Rapids and grow wholesale cut flowers only. And Crabb & Hunter are looking for a foreman.

Van Zonneveld, bulb agent, was a recent visitor. GEO. F. CRABB.

BULB EXPORTERS' ASSOCIATION.

The Holland bulb exporters have formed an association with the above title to safeguard their trade interests. The manager is Mr. J. Spoor, Haarlem, Holland. Special features are departments of inquiry and collection.

Standard Perennials for Cut Flowers....

Anemone Queen Charlotte, 2 1/4-inch pots.....	\$1.25	per doz.; \$10.00	per 100
Boltonia Asteroides, strong divisions .....	.75	"	6.00 "
" Latisquama, " .....	.75	"	6.00 "
Coreopsis Lanceolata, large clumps .....	.75	"	6.00 "
Delphinium Formosum, strong one year old .....	.75	"	6.00 "
" Chinensis, " .....	.75	"	6.00 "
Doronicum Excelsum, strong divisions.....	1.00	"	8.00 "
Echinacea Purpurea, "	1.00	"	8.00 "
Gypsophilla Paniculata, strong one year old .....	.75	"	6.00 "
Helianthus Multiflorus Plenus, strong divisions.....	.75	"	6.00 "
" " Maximus, " .....	.75	"	6.00 "
Lychnis Viscaria Alba Plena, strong clumps	1.50	"	10.00 "
" " Splendens, strong divisions.....	.75	"	6.00 "
Rudbeckia Golden Glow, clumps.....	1.25	"	10.00 "
" " " strong divisions .....	.50	"	3.00 "

HENRY A. DREER, 714 Chestnut Street, Philadelphia, Pa.

Mention The Review when you write.

NEW CARNATIONS.

We are now ready to receive orders for strong rooted CUTTINGS.....

GEN. MACEO..... } \$1 per doz., \$8 per 100, \$50 per 1000.
G. H. ORANGE..... }
GLACIER..... }
MORNING GLORY..... }

GEN. GOMEZ..... } 75c per doz., \$5 per 100, \$40 per 1000.
MRS. G. M. BRADT..... }

WHITE CLOUD..... } 50c per doz., \$4 per 100, \$30 per 1000.
GOLD NUGGET..... }

MRS. JAS. DEAN, \$3 per 100, \$25 per 1000

MRS. THOS. W. LAWSON, \$3 per doz., \$14 per 100, \$120 per 1000

OLYMPIA, \$2 per doz., \$12 per 100, \$100 per 1000

THE MARQUIS..... } \$2 per doz., \$10 per 100, \$75 per 1000
GENEVIEVE LORD..... }
ETHEL CROCKER..... }

25 at 100 rate. 250 at 1000 rate.

We have Fine Large Stocks and will deliver only Fine, Strong, Well-Rooted Cuttings.

THE COTTAGE GARDENS, - QUEENS, N. Y.

Mention The Review when you write.

GEO. A. KUHL, 23 Greenhouses, 60,000 feet of Glass. PEKIN, ILL.

Offers to the Trade.....

35,000 Young Rose Plants, No. 1 stock of following varieties: Am. Beauties, Perles, Woottons, Maids, Brides, Meteors, Belle Seibrecht, Golden Gate, etc., etc. We believe in shifting young roses often. All stock offered in 2 1/2-in. pots has been shifted from 2-in., and is equal to most stock advertised as 3-in., and when we send it out is well established. Send 50 cents or \$1.00 for sample of what you want.

GERANIUMS. We have 10,000 to 15,000 best bedders in Red, White, Pink and Salmon.

COLEUS. Rooted cuttings and 2 inch of Golden Bedder, Yellow Queen, Verschafeltii and mixed.

PETUNIAS. A fine lot in 4-inch pots.

CANNAS. Six varieties, in quantities.

SALVIA and HELIOTROPE in 4-in. pots

HANGING BASKETS of Sprengeri and Boston Ferns.

...Write **GEO. A. KUHL, PEKIN, ILL.**

Mention The Review when you write.

300,000 VERBENAS....

60 finest named varieties, including our new mammoth white, Mrs. McKinley, the finest white Verbena grown.

PERFECTLY HEALTHY. FREE FROM RUST.

Rooted Cuttings 80c per 100, \$5.00 per 1000.

Plants \$2.50 per 100, \$20.00 per 1000.

Our list is the choice from millions of seedlings.

Send for list. **J. L. DILLON, Bloomsburg, Pa.**

Mention The Review when you write

XX SHEEP MANURE

I have now on hand the cleanest and purest Sheep Manure that can be bought in the market. For reference I refer you to Henry F. Michell, 1018 Market Street, Philadelphia, Pa.

Also a large quantity of Hard Wood Ashes for sale by the bbl., ton or car load. Send for samples and price list.

J. L. ELLIOTT,

625 Canal Street, Bethlehem, Pa.

Mention The Review when you write.

GRAND FORKS, N. D.—Frank V. Kent completed his new greenhouse in time for the Easter trade.

Always Mention the....

Florists' Review

When Writing Advertisers.

Genevieve Lord The Peer of All Light Pink Carnations.

but when put to the test of an exacting commercial fire, none will stand the test and bring in the returns like Genevieve Lord. Its color is the kind that sells at sight. Stem the best of any carnation. A perfect, non-bursting calyx. Beautiful distinct form. In fact it has nearly everything that is wanted in a pink carnation. Customers recognize it at a glance, describing it as "that beautiful pink on the long stem." Prompt delivery after April 10th. Stock all sold prior to that date.

PRICES: Doz., \$2.00; 100, \$10.00; 1000, \$75.00

Catalogue free to all applicants, containing complete description of the above as well as all the big new ones, at introducers' prices; the best of last year's novelties and standard sorts, also a fine stock of new and standard sorts of chrysanthemums.

H. WEBER & SONS, - - OAKLAND, MD.

Mention The Review when you write.

Carnations

**STRONG
WELL-ROOTED CUTTINGS.
SELECT STOCK.**

	Per 100	Per 1000
G. H. Crane.....	\$6.00	\$50.00
Morning Glory	6.00	50.00
Gen. Maceo	6.00	50.00
Glacier	6.00	50.00
America	5.00	40.00
Gomez	5.00	40.00
Mrs. Geo. M. Bradt.....	5.00	40.00
White Cloud	4.00	30.00
Mary Wood.....	3.00	25.00
Mrs. F. Joost.....	3.00	25.00

AND OTHER STANDARD SORTS.

**F. DORNER & SONS CO.,
LA FAYETTE, IND.**

Mention The Review when you write.

Extra Strong Plants of Joost, from Soll.

\$15 and \$20 per 1000, according to size.

Chicago Carnation Co., Joliet, Ill.

Mention The Review when you write.

BROWALLIA GIGANTEA,

2½-inch pots, \$3.00 per 100.

IVORY CHRYSANTHEMUM,

2½-in., strong plants, \$2.00 per 100, \$17.50 per 1000.

Mars Geranium, best standard for borders, \$1.00 per 100, \$35.00 per 1000.

Cash please. **HENRY EICHHOLZ**, Waynesboro, Pa.
Mention The Review when you write.

IMPORTANT.

Before ordering any goods anywhere
send in **your list of wants** for
lowest **GUARANTEED** prices.

F. W. O. SCHMITZ, Jersey City, N. J.

Mention The Review when you write.

COLEUS.

ROOTED CUTTINGS.

Verschaffeltii, Golden Queen; assorted kinds, usual prices. **L. H. FOSTER**, 45 King Street, Dorchester, Mass.

Mention The Review when you write.

Yucca Filamentosa Bicolor....

A beautiful variegated form of the ordinary Yucca Filamentosa, or Adam's Needle, with dark evergreen foliage beautifully variegated with creamy white and possessing all the good qualities of its parent. An interesting, rare, hardy plant that will succeed in any position and which is certain to please.

2½-inch pots.....30c each; \$3.00 per dozen; \$20.00 per 100.

HENRY A. DREER,

714 Chestnut Street...Philadelphia, Pa.

Mention The Review when you write.

..ETHEL CROCKER..

30,000 Plants from soil for April and May delivery

Crocker has filled every claim made for it and is worth a trial by every grower who wants the Best Pink Carnation in the market. 25 for \$2.50; 100 for \$10; 250 for \$18.75; 1000 for \$75.

PANSIES

Freya and Fairy Queen.

Two good bedding novelties. Transplanted seedlings at \$1.00 per 100.

A few of my regular strain. Write for prices.

DWARF PETUNIA.

Adonis, carmine with pure white throat, and Snowball, a pure white. They are always in bloom and a good plant for retail. 25 of each for \$1.00, or \$2.00 per 100 from 2-inch pots.

ALBERT M. HERR, - - Lancaster, Pa.

Mention The Review when you write.

Money Making CARNATIONS..

Per 100 Per 1000
Flora Hill, White, Money Maker... \$2.00 \$15.00
Daybreak, Light Pink, Money Maker 2.00 15.00
Wm. Scott, Clear Pink, Money Maker 1.00 8.00

Send for complete list.

12 Novelties of 1900. 27 Best Standard Varieties.

GEO. HANCOCK & SON, Grand Haven, Mich.

Mention The Review when you write.

Cane Plant Stakes

\$2.00 per 1000.

CASH WITH ORDER.

W. W. HENDRIX, Bowling Green, Ky.

Mention The Review when you write.

Fine Stocky Plants

Per 100
Alternantheras, yellow, \$1.50 per 100; red.....\$1.75
Oxalis floribunda, fine for vases.....1.50
Coleus, 2 and 2½-in. pots, good assortment .. 2.00
Geraniums, 12 var., fine plants, 2½-in. pots.. 2.75
Centaurea Gymnocarpa, 2-in. pots.....3.75
Vinca Vines, 2 varieties.....2.00
Asparagus Sprengeri, May 15th.....3.00
Asparagus Plumosus Nanus, June 1st.....3.50
Smilax, 2-in. pots, May 15th, per 1000, \$8.00... 4.00
Primulas, 5 varieties, July 1st.....1.00
2.00

CASH PLEASE.

**JOS. H. CUNNINGHAM,
DELAWARE, OHIO.**

Mention The Review when you write.

Violets. Now is the time to buy rooted cuttings. All stock, free from disease. Marie Louise, Farquhar, Lady Campbell, Swanley White and Princess of Wales.

1000 S. A. Nutt Geraniums, R. C., for \$17.50.

Carnations, ready to plant out. Daybreak, Jubilee, Mrs. James Dean, Genesee, etc.

Write for catalogue.

CRABB & HUNTER, Grand Rapids, Mich.

Mention The Review when you write.

NEW CROP WINTER BLOOMING CARNATION SEEDS.....

Hand Fertilized. 25 cents per 100.

CASH WITH ORDER.

**AMERICAN ROSE COMPANY,
WASHINGTON, D. C.**

Mention The Review when you write.

CLASSIFIED PLANT ADVERTISEMENTS.

Rate for advertisements under this head, 10 cents a line net, per insertion. New advs. and changes must reach us by Wednesday morning at latest to secure proper classification in issue of Thursday.

ABUTILON.

Abutilon, var., trailing, 2½-in., \$4.00 per 100.
Greene & Underhill, Watertown, N. Y.
Six sorts, doz., 40c; 100, \$2.50.
Good & Reese Co., Springfield, O.

ACALYPHA.

Acalyphas, Mosaica and Marginata, \$3.00 per 100.
Dickerson & Belden, Miami, Fla.
Acalypha Macafeesana, \$5.00 per 100.
Storrs & Harrison Co., Box A., Painesville, O.

ACHYRANTHES.

Achyranthes, rooted cuttings, \$1.00 per 100.
Greene & Underhill, Watertown, N. Y.
Achyranthes, 2½ cts. Cash please.
A. J. Baldwin, Newark, O.

Send in your order now for a copy of the Florists' Manual.

AGERATUM.

R. C., blue and white, \$1.00 per 100; Princess Pauline, \$1.25 per 100.
Greene & Underhill, Watertown, N. Y.
Princess Pauline and Tapis Blue, 2-inch, \$2.00 per 100. Cash.
C. P. Dieterich & Bro., Maysville, Ky.
Ageratum Princess Pauline, the only one to grow. Extra strong, 2½-in., \$2.50 per 100.
South Side Floral Co., Springfield, Ill.
Ageratum, blue, 3-in., in bud, \$4.00 per 100.
S. Whitton, 15-17 Gray Ave., Utica, N. Y.

ALTERNANTHERA.

1000 Alternanthera Paronychioides Major, red; 1000 yellow, from flats, struck last September. They are strong, healthy plants, 75c per 100. Cash with order. J. F. Brown, Florist, Lock Box 5, Knightstown, Ind.
Alternantheras, 6 finest varieties, in good color, fine young stock, 50c per 100. Large, strong plants, from flats, fall cuttings, fine condition, \$1.00 per 100.
Frank Banning, Florist, Kinsman, Ohio.
Alternantheras, rooted cuttings, red and yellow, 60c per 100; \$5.00 per 1000; 2½-in., \$2.50 per 100. Greene & Underhill, Watertown, N. Y.
Alternantheras, R. Nana, A. Nana, P. Major, 2½ cts; R. C., 60 cts per 100; \$5.00 per 1000. Cash please. A. J. Baldwin, Newark, O.
Alternantheras, Aurea nana and P. major, \$2.50 per 100. Williams & Sons Co., Batavia, Ill.
Alternantheras, fine, stocky plants, yellow, \$1.50; red, \$1.75 per 100. Cash please.
Jos. H. Cunningham, Delaware, O.
5000 alternantheras, large leaved, pink, 2½-in., \$2.00 per 100.
Morris Floral Co., Morris, Ill.
Alternantheras, red and yellow, 50c per 100; \$4.00 per 1000. C. Otto Schwabe, Jenkintown, Pa.
Two sorts, doz., 30c; 100, \$2.00.
Good & Reese Co., Springfield, O.

ALYSSUM.

1000 Alyssum, Giant Double White, \$1.00 per 100. Cash.
Mrs. E. A. Sprague, Box 124, Holly, N. Y.
Alyssum, dwarf and giant, 2½-in., \$2.00 a 100. Cash with order.
J. Ambacher, Long Branch, N. J.
Double giant, \$1.00 per 100.
Greene & Underhill, Watertown, N. Y.
Alyssum, strong 2-in., 2c.
South Side Floral Co., Springfield, Ill.
Large, double, 2-inch, \$2.00 per 100. Cash.
C. P. Dieterich & Bro., Maysville, Ky.
Alyssum, Double Tom Thumb, \$3.00 per 100.
Williams & Sons Co., Batavia, Ill.
Alyssum, double giant, \$1.00 per 100.
C. Otto Schwabe, Jenkintown, Pa.

ANTHERICUM.

3-in., \$6.00 per 100.
Greene & Underhill, Watertown, N. Y.

AQUATIC PLANTS.

American Lotus, \$2.50; Egyptian Lotus, \$3.00; Japan Lotus, \$6.00 per doz. Pink, white and yellow hardy Nymphaeas, \$3.00 per doz. Geo. B. Moulder, Lily Park, Smith's Grove, Ky.

We are headquarters for water lilies and aquatic plants of all kinds.
Henry Dreer, 714 Chestnut St., Phila., Pa.

ARAUCARIAS.

Araucaria excelsa, 2½-in. pots, 2 to 3 tiers, \$16.00 per 100; 3-in. pots, 6 to 8 in., 3 tiers, \$20.00 per 100. F. Ludemann, Pacific Nursery, San Francisco, Cal.

ASPARAGUS.

Sprenger, 2½-inch, extra strong, \$5.00 per 100; 3-inch, extra strong, \$7.00 per 100; 4-inch, very fine, \$1.75 per doz.; 5-inch, very fine, \$2.50 per doz. Our Sprenger are extra heavy stock with sprays a foot or more in length and should not be compared with young stock usually sent out.
The Calla Greenhouses, Calla, O.

Asparagus Sprenger, strong field-grown clumps of all sizes at low figures. Asparagus plumosus nanus, strong bushy plants from 2½-in. pots, \$4.00 per 100.

B. H. Ritter, Port Royal, S. C.

Asparagus Sprenger, May 15, \$3.50 per 100. A plumosus nanus, June 1, \$4.00 per 100. Cash.
Jos. H. Cunningham, Delaware, Ohio.

Asparagus plumosus nanus, 2-in., \$5.00; 3-in., \$8.00; 4-in., \$15.00.
Williams & Sons Co., Batavia, Ill.

Sprenger, doz., 40c; 100, \$2.50. Plumosus nanus, doz., 50c; 100, \$4.00.
Good & Reese Co., Springfield, O.

Sprenger, 2½-in., \$3.50 per 100; \$30.00 per 1000.
John A. Doyle Co., Springfield, O.

Asparagus Sprenger for hanging baskets. Write Geo. A. Kuhl, Pekin, Ill.

AZALEAS.

Azalea Mollis, dwarf, very large, heavily budded, \$35 and \$45 per 100. Standards, extra fine, heavily budded, \$75 per 100. Azalea Pontica, true to name, heavy plants, well budded, \$45 per 100. F. W. O. Schmitz, Jersey City, N. J.

Azalea Amoena, one of the choicest hardy, dwarf shrubs. Rooted cuttings, \$4.00 per 100 by mail; \$25.00 per 1000. From thumb pots, \$5.00 per 100; 3½-in. pots, \$12.00 per 100. Samuel C. Moon, Morrisville, Bucks Co., Pa.

BASKET AND VASE PLANTS.

Double Nasturtium. A very striking, double flowering, trailing plant, especially adapted for vases, window boxes, hanging baskets, rustic boxes, rock work; any place where trailing plants can be used it is indispensable. A free and vigorous grower, and continues to bloom the entire summer; the flowers are 3 inches or more in diameter, and are perfectly double; of a bright yellow, with a rich crimson feathered blotch at the base of each petal. The lovely shade of yellow gives them a charm that few flowers possess, and for cut-flowers, where yellow is wanted, they have no equal. Strong plants, from 2½-in. pots, \$4.00 per 100; \$35.00 per 1000.
Chas. Limmer, Cobleskill, N. Y.

Maurandya Vine, rosea and alba, just what you want for baskets and vases, 3 cts. Trailing Lantana, 2½ cts. Gnaphalium, fine for baskets, etc., 2½ cts. Vinca Major, white leaf, 2½-in., 2½ cts. Tradescantia, Multicolor and Giant Sweet Alyssum, 2 cts; R. C., 75 cts a 100. Cash please.
A. J. Baldwin, Newark, Ohio.

Solanum Jamesii alba, large plants in bud and bloom, 75c per doz. Smaller plants, 2½-in. pots, \$1.50 per 100. Blooms all summer; no finer vine for vases.

Orange Floral Co., West Orange, N. J.

Russelia elegantissima. Grand new graceful basket or vase plant, rapid grower, always in bloom. Strong 2½-in. pot plants, 75c per doz.; \$4.50 per 100.

The Calla Greenhouses, Calla, Ohio.

BEGONIAS.

New Double Begonia (Begonia Semperflorens). Largest stock in the country. Boule de Neige (white), Gloire du Montet (dark pink), Nancy (light pink), Triomphe de Lorraine (crimson). Good, strong plants. Good house plants. Good bedder. 4 plants, \$1.00; 100 plants, \$20.00. 25 plants at 100 rate. Walter H. Murdock, 40 Grigg St., Cambridge, Mass.

Begonias, rooted cuttings, Erfordii, Rex, Inc. giganta, \$2.00 per 100. Rex, assort., 2½-in., \$4.00; named, 2½-in., \$6.00; 4-in., \$10.00 per 100. Extra fine Rex in 3½ and 4-in., \$10.00 and \$15.00 per 100.

Greene & Underhill, Watertown, N. Y.

Begonia Semper florens gigantea, strong plants, 3-inch, \$8.00 per 100. Begonia Thurstonii, metallica and Haageana, 3-inch, \$6.00 per 100. Cash please.

Chas. Zimmer, West Collingswood, N. J.

Begonia Caledonia, the white Lorraine. We are now booking orders for fall delivery. Plants from 3½-in. pots, \$5.00 each. R. & J. Farquhar & Co., 16 and 19 So. Market St., Boston, Mass.

Tuberous Rooted Begonias, extra selected, in separate colors, single, \$25 per 1000; \$3 per 100. Double, \$40 per 1000; \$5 per 100.

F. W. O. Schmitz, Jersey City, N. J.

Begonia Rex, fine young stock, many distinct varieties, \$4.00 per 100. Write for special prices on 500 or 1000 lots.

G. R. Gause, Richmond, Ind.

Begonia Rex, fine assortment, doz., 50c; 100, \$4.00. Best flowering sorts, doz., 50c; 100, \$3.50. Good & Reese Co., Springfield, O.

Begonia Rex and manicata aurea, \$5.00 per 100. Storrs & Harrison Co., Box A, Painesville, O.

500 fine seedling Vernon begonia, \$1.50 per 100. Cash.

Mrs. E. A. Sprague, Box 124, Holly, N. Y.

Begonia Vernon, transplanted stock ready for 3-in. pots, 60c per 100.

Orange Floral Co., West Orange, N. J.

2000 flowering begonias, our selection, \$1.50 per 100.
Morris Floral Co., Morris, Ill.

Begonia Vernon, \$1.50 per 100.
Samuel Whitton, 15-17 Gray av., Utica, N. Y.

BERRIED PLANTS.

1000 Jerusalem Cherry, 2½-in., \$2.00 per 100.
Morris Floral Co., Morris, Ill.

BROWALLIA.

Browallia gigantea, 2½-in., \$3.00 per 100. Cash.
H. Eichholz, Waynesboro, Pa.

BULBS.

Just received. Fine stock of the following bulbs:

	Per Dozen.	Per 100.
Caladium Esculentum, 5 to 7-in. cir.	\$.50	\$ 3.00
Caladium Esculentum, 7 to 9-in. cir.	.75	4.50
Caladium Esculentum, 9 to 12-in. cir.	1.15	8.00
Caladium Esculentum, 12-in. and up.	2.00	15.00

Tuberose, Excelsior Pearl, 1st class, \$1.00 \$7.50
Tuberose, Excelsior Pearl, medium, .75 5.00
Send us your orders now. We also have complete stocks of Gladiolus, Cannas, Lilies, and all spring bulbs.

McKellar & Winterson, 45-47-49 Wabash Ave., Chicago.

PLEASE MENTION THE REVIEW WHEN WRITING ANY OF THESE ADVERTISERS.

Florists and Seedsmen. It will pay you well to send me list of your wants and get my prices before placing your orders for Dutch Bulbs for delivery in the early autumn. Hyacinths, Narcissus, Crocus, Tulips, Freesias, Spireas, etc., etc. All bulbs carefully grown and guaranteed first-class and true. No auction stuff or trash. Correspondence solicited. George E. Dickinson, 1 Broadway, New York, N. Y. Also French Crab Apple Seed and Nursery and Fruit Stocks of every description.

Tuberoses Dwarf Pearl. No. 1 bulbs, per 100, \$1.00; per 1000, \$7.50. Caladium Esculentum. Fine bulbs, solid and firm. 5 to 7 inches in circumference, doz., 45 cents, 100, \$3.00; 6 to 8 inches, doz., 50 cents, 100, \$3.50; 7 to 9 inches, doz., 65 cents, 100, \$4.50; 9 to 12 inches, doz., \$1.15, 100, \$8.00. Mammoth bulbs, 12 inches and up, doz., \$2.25, 100, \$16.00. W. W. Barnard & Co., 161-163 Kinzie St., Chicago.

We still have to offer some No. 2 Ex. Pearl bulbs, 3 to 4 in. in cir. at \$2.25 per 1000. Caladium esculentum bulbs, 4 to 5 in., at 50c; 5 to 7 in., at 80c; 7 to 9 in., at \$2.00; 9 to 11 in., at \$3.25 per 100. F. O. B. cars here. Order quick and get some of these bulbs of Jno. F. Croom & Bro., Magnolia, N. C.

Bulbs, postpaid, per 100: Amaryllis Formosissima, \$3.00; Bessera Elegans, large bulbs, \$1.50; Milla Biflora, large bulbs, \$1.50; Tigridias, assorted, \$2.00; Zephyranthes, assorted, \$2.00. Remit by express money order. J. A. McDowell, Apartado 167, City of Mexico.

Send for our quotations on Roman hyacinths, Lilliums Harrisii and Longiflorum, etc., etc. We are large importers of high class bulbs. J. M. Thorburn & Co., 36 Cortlandt st., New York.

Warnaar & Co., late van Heemstra & Co., and Jac. Wezelenburg. Headquarters for Hyacinths, Narcissus, Tulips, Sassenheim, Holland. Ask for U. S. references as to quality.

R. Van Der Schoot & Son, Wholesale Bulb Growers, Hillegom, Holland. Our bulb stocks, now covering an area of over 150 acres, are at present the largest in Holland. Est. 1830.

High grade Holland bulbs and roots. K. J. Kuyk, Hillegom, Holland. Ask now for quotations, care J. Ter Kulle, 33 Broadway, New York.

Now booking orders for CALLAS and FREESIAS. Send for our quotations and surplus list of palm and other California seeds. Germain Fruit Co., Los Angeles, Cal.

Tuberoses, The Pearl, 4 to 6 inches in circumference, \$5.50 per 1000; \$25.00 per 5000, net. Cash with order. Hulsebosch Bros., Englewood, N. J.

Zephyranthes sulphurea, big yellow flower, \$6.00 per 1000. Milla, Bessera and others. W. Tell, Austin, Tex.

Bulbs and Plants for Fall and Spring delivery. C. H. Joosten, Importer, 85 Dey St., N. Y.

Gt. van Waveren & Kruijff. Wholesale Bulb Growers, Sassenheim-Haarlem, (Holland).

CACTI.

Over 100 varieties in stock. Florists' sample collection of 30 distinct plants, \$3.00. Old Man cactus, 5 to 6 inches high, \$4.00 per doz. Send remittance in express money order. Price list free to the trade. J. A. McDowell, Apartado 167, City of Mexico.

Sixty-three different kinds of cacti. Prices reasonable. Send for list. H. A. Kezer, 408 1/2 San Antonio st., El Paso, Tex.

Cacti and cacti seed, send for price. W. Tell, Austin, Tex.

CALADIUMS.

Caladium esculentum bulbs with live centers. Per 100. Per 1000.
2 to 2 1/2 in. diameter.....\$1.00 \$5.00
2 1/2 to 3 in. diameter.....2.00 15.00
3 to 4 in. diameter.....3.75 25.00
B. H. Ritter, Port Royal, S. C.

Fancy leaved caladiums, dry bulbs, nearly all sold. Started plants with from one to six leaves, from \$6.00 per 100 upwards. Sixty varieties. F. J. Ulbricht, L. B. 655 Anniston, Ala.

Caladiums, fancy named sorts, extra large, bulbs 1 1/2 to 2 1/2 inches, \$2.50 per 10; \$20.00 per 100. Bulbs 1 to 1 1/2 inches, \$1.50 per 10; \$12.00 per 100. P. J. Berckmans Co., Augusta, Ga.

Caladium esculentum, fine, solid bulbs, 3 sizes. James M. Lamb, Fayetteville, N. C.

CANNAS.

The "Novelty" of Novelties for 1900. New—"Mrs. Kate Gray"—Canna. A magnificent hybrid resulting from a cross of ItalaxMad. Crozy. The color is a rich shade of orange scarlet overlaid with gold, a superb coloring which in open sunlight is simply dazzling. The Form is an ideal of the Crozy type of bloom, the petals being very broad and overlapping, measuring 2 1/2 to 3 inches wide, while the individual flowers are from 6 to 7 inches across. The Texture of the flowers is all that could be desired; they partake of the nature of the pollen parent or Crozy race in this respect, and withstand our hottest summer suns without wilting. The foliage is a bright glossy green, equal to a Musa in size and substance and forms a beautiful foil to the gigantic trusses of bloom. The height of the plant is 6 to 7 feet, the growth is luxuriant to a degree, but very compact; the massive foliage, giant trusses, and enormous individual flower give the plant a noble tropical appearance. It is the only Canna of its kind in existence, and absolutely surpasses all others; its intrinsic value will make it a leading standard sort for years to come. Prices.—Strong roots, 35c each; \$3.50 per doz; \$25.00 per hundred. Terms strictly cash with order, no exceptions. Stock limited; orders filled with strict rotation. Address Howard & Smith, Nurserymen, P. O. Box 494, Los Angeles, Cal.

10,000 Cannas. Chas. Henderson, Florence Vaughan, Austria, Peter Crozy, etc. 500 Wichuriana memorial rose, fine plants in 3s. Will exchange all or part for palms, Pandanus utilis or Veitchii, araucaria excelsa, or tea roses. Send in your offer. Mills & Wachter, Jacksonville, Fla.

Cannas. Our selection, started, ready for potting: Mme. Crozy, Chas. Henderson, Egan-dale, Florence Vaughan, J. C. Vaughan, Queen Charlotte and ten other good varieties. Price, \$3.00 per 100; \$25.00 per 1000. 4-in. pot plants, \$6.00 per 100. Cash please. A. J. Baldwin, Newark, O.

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Perpetual blooming hybrid carnations. Cross ings between Marguerite and Remontant. They are what we can recommend as truly summer flowering varieties; they begin to bloom in the field in July and continue until frost sets in; flowers medium size, growth very rapid. Can offer them in 10 varieties, in as many different colors, at \$5.00 per 100, by express, from 2 1/2-in pots, or the set of 10 varieties, R. C., for 50 cents, by mail. Ethel Crocker, the best pink carnation, well established plants, from 2 1/2-in. pots, \$10.00 per 100; R. C., \$8.00 per 100. C. Elsele, 11th and Jefferson sts., Phila., Pa.

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5-in. pots, a grand lot, doz., \$2.00; 100, \$15.00.
We can still supply choice mixed ferns in good assortment: 2½-in. pots, \$3.50 per 100; \$30.00 per 1000. 3-in. pots, \$6.00 per 100; \$50.00 per 1000.

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Fuchsias, in variety, in 2½-in. pots. Our selection, \$3.00 per 100. Cash with order.
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2000 fuchsias, choice mixed, 2½-in., \$2.00 per 100.
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Gardenia Florida, double and single, open-ground-grown plants, very strong and bushy, with buds, 18-24 in. high, \$10.00 per 100. Strong, well rooted cuttings, \$1.00 per 100 by mail.
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Rooted cuttings, named, \$2.00; mixed, \$1.50; Mrs. Parker, \$4.00; Silver Leaf and Rose Scented, \$1.50; Mme. Sallerol, \$1.25; dbl. New Life, \$4.00; Mrs. Pollock, Happy Thought, \$2.00; Bronze, \$2.00; Mars, Freak of Nature, \$3.00; Mme. Brunt, \$2.50 per 100. Happy Thought, \$4.00 and \$6.00; Silver Leaf, Mrs. Pollock, 2½-in., \$4.00; S. A. Nutt, 2½-in., \$6.00, 3-in., \$8.00; La Favorite, 3-in., \$6.00; Mars, excellent plants at \$8.00; Ivy geraniums, 2½-in., \$4.00 per 100.
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New Geraniums. It is a good time to brighten up your collection by adding to it some of the recent introductions. A set of six splendid New Double for \$1.25. A set of six New Brunt for \$1.25. A set of four New Singles for 75c. Geraniums, splendid assortment of best bedding varieties, \$3.00 per 100; \$25.00 per 1000. Storrs & Harrison Co., Box A, Painesville, O.

Well established in 2½-in. pots, \$3.00 per 100; \$25.00 per 1000. La Favorite, Mme. Brunt, Peach Blossom, Grand Chancellor, Heteranthe, B. Pottevine. Our selection of varieties, \$2.50 per 100; \$20.00 per 1000.
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Geraniums, single and double Gen. Grant from, 2½-in., \$2.50, 3-in., \$3.00, 3½-in., \$3.75 and 4-in., \$4.50 a 100. Best mixed varieties, same sizes and prices. Cash with order.
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Geraniums, assorted varieties, 2½-in., \$3.00 per 100. Mt. of Snow, Happy Thought, Rose, and two sorts bronzed, 2½-in., \$3.00 per 100. Cash. C. P. Dieterich & Bro., Maysville, Ky.

Geraniums, strong 2½-in., choicest standard varieties, \$3.00 per 100. Mme. Sallerol, 2-in., \$2.00 per 100. Rose, 2½-in., \$2.50 per 100.
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Geraniums. Bronze Bedder, Exquisite, Bismarck, Crystal Palace Gem, \$2.50 per 100; \$25.00 per 1000.
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6000 extra fine 4-in., \$8.00 per 100. 4000 extra fine, 3-in., \$4.00 per 100. Fine assortment and guaranteed. Cash please.
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Geraniums, 12 varieties, fine plants, 2½-in. pots, \$2.75; 3-in., \$3.75 per 100. Cash please.
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Geraniums, good assortment, 2½-in., \$2.50 per 100. Cash with order.
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Only the best standard varieties, 2½-in. pots, \$2.50 per 100; \$20.00 per 1000.
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Geraniums, Sallerol, Mrs. Taylor, Walnut and Rose, 2½ cts. Cash please.
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We have 10 to 15,000 best bedders in red, white, pink and salmon.
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5000 geraniums, named, our selection, 4-in., \$8.00 per 100. Morris Floral Co., Morris, Ill.

Leading sorts, double and single, doz., 50c; 100, \$3.50. Good & Reese Co., Springfield, O.

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Gladiolus flowering bulbs. Saundersoni crosses; fine growers, producing large, bright showy flowers. New, of my originating. Alma, clear, bright rose. Kate, rose with white blotch. Leo, bright orange with white blotch. Prices, 15 for \$1.00; 100 for \$5.00.
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All colors mixed, at \$10.00 per 1000. Gandavensis hybrids, Lemoinei hybrids and Nancelianus hybrids.
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Grevillea robusta; transplanted, strong, stocky plants from flats, 75c per 100; \$6.50 per 1000 by express.
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	Doz.	100.
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Helianthus mult. plen. strong div....	.75	6.00
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We offer strong one year old field grown clumps of Hollyhocks in separate colors as White, Bright Red, Pink, Yellow, Maroon and Salmon, \$1.25 per doz.; \$10.00 per 100, or in choice mixture, \$1.00 per doz.; \$8.00 per 100. Mammoth fringed Allegheny Hollyhocks, in choice mixture, strong clumps, \$1.25 per doz.; \$10.00 per 100.

YUCCA FILAMENTOSA BICOLOR. A beautiful Variegated form of the ordinary Yucca Filamentosa, or Adam's Needle, with dark evergreen foliage beautifully variegated with creamy white and possessing all the good qualities of its parent. An interesting, rare, hardy plant that will succeed in any position and which is certain to please. 2 1/4-inch pots, 30c each; \$3.00 per doz.; \$20.00 per 100.

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American Holly (Ilex Opaca). This is one of America's most beautiful evergreens. Its foliage varies very little from that of the English Holly, and its rich clusters of scarlet berries make a good substitute for flowers in the winter shrubbery. It is hardy in almost any locality. To insure safety in transplanting, the leaves should be removed from the plant at that time. 1 to 2-ft., transplanted heavy, \$4.00 per 10; \$30.00 per 100. 2 to 3-ft., transplanted, heavy, \$6.50 per 10; \$50.00 per 100. 3 to 4-ft., transplanted, heavy, \$9.00 per 10. Andorra Nurseries, Wm. Warner Harper, Proprietor, Chestnut Hill, Phila., Pa.

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California Privet are scarce. Nurserymen and florists should increase their planting of this favorite hedge plant. California Privet Cuttings, \$1.25 per 1000; \$10.50 for 10,000. Packed and boxed f. o. b. Cash with order. Atlantic Coast Nursery, James H. Cornell, proprietor, Office 606 4th Ave., Asbury Park, N. J.

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Hemlocks, fine quality, twice transplanted, 15 to 18 inches, \$50.00 per 1000. Beautiful Blue Spruce, Picea Pungens, 2 to 3 feet, \$25.00 per 100. I have all sizes and varieties of hardy Evergreens. Let me know your wants in the line of evergreens. I know I can please you. D. Hill, Evergreen Specialist, Dundee, Ill.

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Dielytra spectabilis, or Bleeding Heart. Strong plants, dormant, 80c per doz.; \$6.00 per 100. Double hollyhocks, mixed colors, large field-grown roots, choice strain, 80c per doz.; \$6.00 per 100.

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Rhododendrons not imported and therefore hardy. Hardy Azaleas, Japanese Maples, Magnolias (living guaranteed), other trees, new shrubs, rare evergreens, Hedge plants.

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Paeonia Sinensis, only the finest varieties handled, true to name, \$15 per 100. Dielytra Spectabilis, Bleeding Heart, monster clumps, \$10 per 100.

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Golden Glow, strong plants, \$2.00 per 100; sample 4 plants, 10c by mail. Des Moines Plant Co., 38th St., Des Moines, Ia.

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In 4-in. pots. Geo. A. Kuhl, Pekin, Ill.

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Hibiscus sinensis, five varieties, \$3.00 per 100. Peachblow, \$10.00 per 100. Storrs & Harrison Co., Box A, Painesville, O.

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1000 hydrangeas, Dr. Hogg, 5-in., \$15.00 per 100. Morris Floral Co., Morris, Ill.

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Headquarters for English Ivy. Extra fine plants, out of 4-inch pots, 5 feet, 2 plants to pot, bushy, \$10.00 per 100; small plants, out of 2 1/2-inch pots, \$3.00 per 100. Cash please.

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Four colors, doz., 50c; 100, \$4.00. Good & Reese Co., Springfield, O.

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	Each.
8-in. pot (3 plants), 26 to 30 in. high.....	\$ 2.00
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3-in. pots, 4-5 lvs, 10-12 in. high . . .	\$ 3.00	\$ 25.00
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10-in. pot, 9 to 10 lvs, 30 to 36 in. high by 42 in. wide

Each. \$4.00

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8-in., 24 in. high

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My packing is done in the best possible manner, and shipping facilities for both freight and express are unsurpassed. A trial order is solicited.

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Inch pots.	Inches high.	No. lvs.	Price each.	Per 10.	Per 100.
3	10-12	3-4	\$.07	\$.60	\$ 5.00
4	15-18	4-5	.16	1.50	13.00
5	18-20	5-6	.40	3.50	32.00
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These plants are all strong, ready to pot up. For other varieties see wholesale list from which a discount of 10 per cent. will be given on all orders accompanied by cash.

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Pot in.	H't. in.	Char. lvs.	Per 10.	Per 100.
4	12-15	2	\$15.00	\$125
4	15-18	2-3	20.00	150
5	18-20	4-5	25.00	
4	15-18	4-5	15.00	
4	18-20	2	20.00	

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Tall, showy Pandanus Veitchii, handsome for porch boxes and vases where something choice is wanted. Price from 75c to \$3.00 each. Height 18-in. to 3 ft. above pot. These plants are grown cool.

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150 large specimen Pritchardia filamentosa, 3 yrs. old, outdoor grown, 2 to 4 ft. high, 3 to 5 ft. spread, with from 6 to 12 char. leaves, \$1.00 to \$3.00 each. Will exchange for roses.

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10,000 excellent, stocky 4-in. latanias, ready for shifting, \$20.00 per 100; \$190.00 per 1000. Walter Retzer & Co., successors to Albert Fuchs, 2045-59 Clarendon Ave., Chicago.

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Pandanus utilis, 3-inch, \$1 a dozen. Veitchii, fine color, 3-inch, \$3 a dozen.

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Aspidistra. Nice pot plants, 8 to 10 leaves, 5 cents per leaf. Cash please.

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Washingtonia filifera, 2 1/4-in., \$4.00 per 100.

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Four acres of Pansies! 400,000 fall transplanted. The best all round strain. Because we grow all our seed, carefully selecting our seed plants from 250,000 or more. Because we have been growing and perfecting this strain for over twenty years. Because particular attention is paid to form and substance, as well as color and size. Because each color is carefully proportioned in the seed beds, making them evenly assorted. We have supplied the best trade of Boston and vicinity for many years, and wherever we have shipped them have received uniform good reports. Awarded a first-class certificate of merit by the Mass. Horticultural Society. Price, delivered F. O. B. Boston: Large, bushy plants in bloom, per 100, \$2.00; per 1000, \$20.00. Medium size plants, in bud and bloom, per 100, \$1.50; per 1000, \$15.00. Smaller plants, in bud, per 100, \$1.25; per 1000, \$10.00. Cash with order, please. I. E. Coburn, 291 Ferry Street, Everett, Mass.

Good, strong, field-grown Pansies, in large variety, commenced flowering in September, per 1000, \$12.00; in October, per 1000, \$10.00; for May and June flowering, per 1000, \$8.00. Strong seed bed Pansies, \$3.50 per 1000. Cash with order.

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Dreer's Royal Exhibition Pansies. A fine lot of strong young seedlings of our noted Royal Exhibition strain, at \$1.50 per 100 or \$10.00 per 1000. Henry A. Dreer, 714 Chestnut Street, Philadelphia, Pa.

10,000 fine, stocky, transplanted cold-frame plants, in bud and bloom, Woodbury, Soltau, and Zirngiebel strains, \$1.50 per 100, cash.

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Pansies in separate colors, Roemer's strain, extra strong, \$3.00 per 100. Cash please.

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Pansies from \$10.00 seed, big plants in bud and bloom, \$1.50 per 100.

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Pansy plants, 60c and \$1.00 per 100; \$5.00 and \$8.00 per 1000.

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Fine mixture from cold frames, \$2.50 per 1000; \$10.00 for 5000. Cash with order.

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Petunias, Double Fringed. A good assortment of money makers. The plants we offer are strong stock, from 2-inch pots, at \$2.00 per 100; \$18.00 per 1000.

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Double fringed petunias, Henderson's and Dreer's latest, strong 2-in., ready May 10.

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Single petunias, from flats, \$1.50; 2 1/4-in., \$3.00; 3-in., \$5.00 per 100.

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Petunias, single Giants of California, 2 1/2-in., \$2.00, 3-in., \$2.50 a 100. Cash with order.

J. Ambacher, Long Branch, N. J.

5000 double petunias, mixed, 4-in., \$6.00 per 100.

Morris Floral Co., Morris, Ill.

Single petunias, from flats, \$1.50 per 100.

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A fine lot in 4-in. pots.

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Baby Primrose, by division, 30c doz., by mail; per 100, \$2.00. Cash with order. P. D. De Witt, Bridgewater, Buck Co., Pa. Formerly of Torresdale, Pa.

Primula Auricula, in great variety; 2 and 3 year old, large flowering plants, \$3.00 per dozen. C. Long, 277 Jefferson Avenue, Rochester, N. Y.

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Primulas, 5 varieties, July 1st, \$2.00 per 100. Cash please.

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Baby Primrose, 3-in., strong, per doz., \$1.50; per 100, \$10.00.

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4000 obconica, 4-in., \$6.00 per 100.

Morris Floral Co., Morris, Ill.

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NEW ROSE LIBERTY. We can still supply (immediate delivery) a fine lot of this grand new rose.

PLANTS ON THEIR OWN ROOTS, 2 1/2-INCH POTS.

In lots of 100 or over25c each.
In lots of 50 or over30c each.
In lots of 25 or over50c each.
In lots of 12 or over60c each.
Single plants75c each.
GRAFTED PLANTS FROM 2 1/2-INCH POTS.
In lots of 100 or over40c each.
In lots of 50 or over50c each.
In lots of 25 or over60c each.
In lots of 12 or over75c each.
Single plants1.00 each.

HENRY A. DREER.

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Liberty, the new crimson scarlet forcing rose, strong 3-in., pots, \$25.00 per 100. Ever-blooming roses, large stock. C. Souper, Mossella, Champion of the World, Etolie de Lyon, Hermosa and 50 other best bedding varieties, \$3.00 per 100; \$25.00 per 1000.

Per 100.

Crimson Rambler \$3.00
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Strong 2-year-old field-grown roses.

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SUBSCRIBERS are requested to mail us items of general trade interest at any time.

KANSAS CITY, MO.

Since my notes on Easter trade there has been no great business activity. Flower buyers are evidently slow in replenishing their depleted pocket-books. Demand for funeral stock fairly good. The quality of flowers has improved in the past two weeks, especially carnations. This popular flower may now be seen on thirty-inch stems, perfect blooms, a great satisfaction to the carnation enthusiasts.

We are having ideal spring weather, with plenty of warm April showers. Trees and shrubbery have almost their full leaf and vegetation seems three weeks earlier than last year. The time seems opportune for a few remarks descriptive of the improvements being made in our parks and other out-door places of recreation.

Fairmount Park, of 150 acres, situated two miles east of the city limits, is the best adapted for sports of all kinds, and is equipped with a race track, golf links, bowling alleys, a lake for bathing, boating and fishing, and a theater for summer entertainments. The landscape is rolling and some very artistic effects were seen there last year in summer bedding.

Swope's Park, also outside the city limits, comprises an area of 1,300 acres. Although comparatively new, work is being pushed rapidly, and the park is now open to the public. An intramural railway will traverse the grounds, conveying passengers to points of interest.

Extensive improvements are being made in our many miles of boulevards, for which Kansas City is becoming noted. Several large vacant spots adjoining the driveways will be beautified and added to the park system.

Our beautiful "Paseo," 200 yards wide, when completed will extend north and south through the residence portion of the city for a distance of three miles. One mile has already been laid out and nearly finished. Starting from the north, we pass through the pergola of Grecian architecture by the site of the Spanish cannon captured in the late war and reach the sunken garden, now ablaze with tulips in all their gorgeousness. The colors are most beautifully blended and attract the admiration of thousands of visitors. Late in May these tulips will be replaced with the regular summer bedding, the contract for this work having been let to Albert Barbe and Samuel Murray.

A magnificent terraced fountain 75 feet wide, modeled after the celebrated fountain in Lyons, France, stands on the Paseo near Fifteenth street. It throws a stream 25 feet in the air, the overflow feeding an ornamental lake near by.

Mr. George Kessler, a thorough landscape gardener and civil engineer, has charge of the entire park system. We are rapidly becoming a convention

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city and when this work is completed Kansas City will have greater inducements to offer to visitors than at the present time.

ORPHAN.

TARRYTOWN, N. Y.

The regular meeting of the Tarrytown Horticultural Society was held at the Vanderbilt building on Thursday, the 26th ult. The society has decided to hold a June show. Richard Griggs, Michael Green and Albert Ely were elected to membership.

ROBERT ANGUS,
Reporting Sec'y.

CLE-ELUM, WASH.—The John A. Balmer Floral Co. is now established here. The firm is composed of John A. Balmer, formerly horticulturist at the Washington State Experiment Station at Pullman, and W. S. Van Doren.

WANT ADVERTISEMENTS.

Advertisements under this head 10 cents a line, an average of seven words to the line.

FOR SALE—At once—Four acres, two dwellings, barn, eleven greenhouses, 18,000 feet d. s. glass; in a thriving town of 20,000 inhabitants; good shipping trade and local market; \$3,000.00 cash, balance on time. Address E. Haentze, Fond du Lac, Wisconsin.

WANTED—Two young men for carnation and rose houses. State experience and wages wanted. Address F. Burki, Bellevue, Pa.

WANTED—Experienced man for teas and mum stock to work under foreman. Salary \$25.00 and board per month to begin with. Poehlmann Bros., Morton Grove, Ill.

WANTED—Working foreman, thoroughly competent, steady and sober; must have good reference; no other need apply. Write us, stating experience, etc., and salary wanted, at once. Greene & Underhill, Watertown, N. Y.

WANTED—A first class foreman, one who thoroughly understands how to grow roses, mums and carnations; also a general line of bedding plants; 55,000 sq. ft. of glass; first class references required; good wages to a capable man. Crabb & Hunter, Grand Rapids, Mich.

SITUATION WANTED—By a first class practical grower. Best of reference; ten years at last place. Address 50, care Florists' Review.

SITUATION WANTED—By a practical all round grower. Palms and ferns a specialty. Address H., care Florists' Review.

WANTED—Two good men for all-round greenhouse work. Sam'l Muir, 3530 Michigan Ave., Chicago.

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240 acres of land on Isthmus of Tehauntepec, State of Vera Cruz, Mexico.

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Any of the above named properties is a bargain and those desiring to purchase will do well to communicate with us. These are only a few of the properties that we have for sale and leasing.

SMITH & SMITH, 345 Sixth Ave., PITTSBURG, PA.
P. O. Box 869.

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ABOUT COLORADO.

We have received from Mr. P. S. Eustis, general passenger agent of the Chicago, Burlington & Quincy railroad, a book just off the press, which is unusually interesting and artistic. It is on the subject of Colorado, fascinatingly written by James W. Steele, a descriptive writer of great force. The book is lavishly illustrated by engravings of a high order, and the printer's art has not been handicapped by an effort to save expense. To anyone interested in the grandeur of Colorado scenery and particularly to one contemplating a visit to the country described, the book will be indispensable. Copies can be had by sending a letter of request, accompanied by 6 cents in postage stamps, to Mr. Eustis, at his Chicago address, 209 Adams street.

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AN EASTER ORDER.

A subscriber sends us a mail order that he received in the midst of the Easter rush that he justly concludes is worthy a place in our "comic column." It reads: "Please send me by mail three sample carnations, for which you will find ten cents enclosed. Please send by return mail." No wonder our subscriber reports a good Easter trade.

"A Horticultural Handbook" is the title of a paper covered book of 160 pages by Prof. J. L. Budd and published by the Wallace Publishing Co., Des Moines, Ia. It contains a great deal of instructive matter about hardy plants, and the price is only 35 cents.

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by
WILLIAM SCOTT

Is a book of 224 large pages (same size as those of the Florists' Review), and contains about 200 articles on commercial plants and cultural operations, each giving "the meat" only, from the personal experience of a thoroughly practical man who is in daily touch with each department of the business and who has that rare quality of being able to tell others **what they want to know.** The articles are arranged alphabetically, like those in an encyclopedia, and in an instant one can turn to the subject upon which light is desired at the moment. The book is illustrated by over 200 fine half-tone engravings. It is

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G. L. GRANT, EDITOR AND MANAGER.

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334 Dearborn Street.

Subscription, \$1.00 a year. To Europe, \$2.00. Subscriptions accepted from those in the trade only.

Advertising rates: Per inch, \$1.00; 1/4 page, \$13.50; full page, \$27.00. Discounts: 5 times, 5 per cent; 12 times, 10 per cent; 25 times, 20 per cent; 52 times, 30 per cent. Discounts allowed only on consecutive insertions. Only strictly trade advertising accepted. Advertisements must reach us by Tuesday to insure insertion in the issue of the following Thursday.

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By Joseph Forsyth Johnson. The knowledge to be gained from this book is of the greatest importance to florists, particularly where it relates to the laying out of grounds about country homes, both large and small. The author is a practical man and the contents of the book may be understood. Illustrated by over 50 plans and diagrams. Price postpaid, \$2.50.

HOUSE PLANTS and How to Succeed With Them.

By M. L. Hillebrand. This book is written for amateurs, but florists can use it very profitably among their retail customers. It should be on sale in every establishment. Write for trade discount. Retail price postpaid, paper 50 cents; cloth, \$1.00.

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THE FLORISTS' MANUAL.

After reading Mr. Wm. Scott's Manual, we wish to say that we consider it without equal as a book of reference for busy florists.

GEO. M. KELLOGG.

Pleasant Hill, Mo.

Mr. Scott's superb work, "The Florists' Manual," was indeed worth waiting for. When compared with the amount of practical information it contains, the selling price, \$5.00, seems a mere bagatelle.

Oakland, Md. H. WEBER & SONS.

It is the best book of the kind ever published. There is more in it than in any other book I have ever seen. I am delighted with it.

Chicago.

JOHN THORPE.

The copy of the "Florists' Manual" was duly received. I am very well pleased with same. The more I read it the better satisfied I am with it, and there are one or two articles alone in it that are each worth all you ask for the book, for everything is made so plain and all details are right to the point. I trust you may have a good and ready sale for the same.

M. S. WORDEN.

North Adams, Mass.

The only fault to be found with it is when you get reading it the midnight oil is liable to run low and you have to go on to gas or reluctantly break off, either going to bed or first taking a look over the houses to see if the temperature tallies with the Manual.

GEO. S. OSBORN.

Hartford, Conn.

We are in receipt of "The Florists' Manual" by Mr. Scott and may say it is the right book for the florist, published at the right time. It is what we all need.

BOBBINK & ATKINS.

Rutherford, N. J.

Am much pleased with the Manual. It is just what I have been looking for. Something that we can understand, and enjoy reading.

M. NAUMAN.

Etna, Pa.

I am very much pleased with the Manual. It is just what we have needed for a long time.

N. ZWEIFEL.

Milwaukee, Wis.

It is certainly a neat and handsome book and does you credit.

BENJAMIN HAMMOND.

Fishkill-on-Hudson, N. Y.

It is a work of art and should be in the hands of all live florists. Its useful and instructive contents can not fail to be a benefit to all in the trade.

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The book is written for the working gardener, and Mr. Scott's reputation is so well secured that he will find among his gardening friends a host of genuine admirers. As a writer on practical gardening subjects, he is a recognized authority. * * * Mr. Scott has long been an employer and knows what information young gardeners, or those with little experience, need, and he has his whole subject so perfectly at command that he can give the most desirable and essential information in the clearest language and with satisfactory brevity. The book is a distinct and important gain to the practical garden literature of this country, and it should be in the hands of every gardener, and everyone else engaged or interested in ornamental horticulture. The price of the book is \$5, which seems somewhat high, but for useful information it is worth every cent of it.—Vick's Magazine.

Am well pleased with the Manual. It is a practical, everyday helper, concise and to the point.

W. A. KENNEDY.

Milwaukee, Wis.

Am very much pleased with the book; it is very handy for reference.

Macomb, Ill.

F. E. BONHAM.

Unlike so many of our books, it has the very flavor and essence of actual experience.

L. H. BAILEY.

Ithaca, N. Y.

We find the book very useful as a reference in answering the many questions about plants that we receive almost every day.

Philadelphia. JOS. KIFT & SON.

Detroit, Mich., January 6, 1900.—Mr. Wm. Scott, Buffalo, N. Y. Dear Sir: The Commissioners of Parks and Boulevards some time since directed that a library be started of such books as deal with subjects pertaining to park work, and to that end, an order has been given for a number of books, among which is your "The Florists' Manual."

After reading this book carefully, I am greatly pleased, and wish to congratulate you on the practical manner with which you have treated the subject.

This book is placed where it will be accessible to all of our greenhouse employees, where this board expects to reap a reward many times the cost of the book. Respectfully yours,

COMMISSIONERS OF PARKS AND BOULEVARDS,

R. J. CORYELL, Gen'l Sup't.

I am more than pleased with The Florists' Manual.

OTT BROWN.

Cape May City, N. J.

Manual to hand. Am well satisfied that it is the best work of its kind ever published.

JAS. HARTSHORNE.

Joliet, Ill.

I am greatly pleased with the Manual.

C. J. REARDON.

Lake Geneva, Wis.

Enclosed find \$5.00 in payment for the copy of the Florists' Manual. No progressive florist, old or young, can afford to be without the Florists' Manual. The old florist needs it, for reference, to aid a defective memory, and the young florist wants it as a guide in this progressive era of the florist's business.

J. T. TEMPLE.

Davenport, Ia.

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By WM. SCOTT

IS A BOOK of 224 large pages (same size as those of the Florists' Review) and contains about 200 articles on commercial plants and cultural operations, each giving "the meat" only, from the personal experience of a thoroughly practical man who is in daily touch with each department of the business and who has that rare quality of being able to tell others **what they want to know**. The articles are arranged alphabetically, like those in an encyclopædia, and in an instant one can turn to the subject upon which light is desired at the moment. The book is illustrated by over 200 fine half-tone engravings. It is

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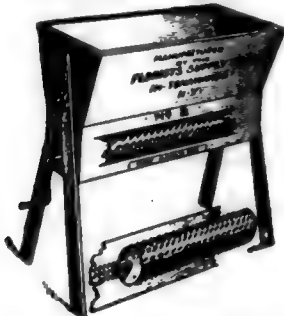
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FLORISTS REVIEW

FLORISTS' PUBLISHING CO., 320-333 Carlton Building, CHICAGO.

Vol. V.

CHICAGO AND NEW YORK, MAY 10, 1900.

No. 128.



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REMARKS BY ADVERTISERS.

The REVIEW is the paper for trade, sure enough.—J. F. AMMANN, Edwardsville, Ill.

Returns from the REVIEW have been unusually satisfactory.—EDW. B. JACKSON, Stamford, Conn.

We are more than satisfied with the results of our advertising in your paper. The REVIEW is surely the best paper of all.—JOS. LAHR & SONS, Springfield O.

Have no more plants. The REVIEW sold them all.—C. LAWRTZEN, Rhinebeck, N. Y.

The returns from recent small advs. in the REVIEW were more than highly satisfactory.—ACME NURSERY, Galveston, Tex.

I had good success with my advs. in your paper this season.—S. D. BRANT, Clay Center, Kas.

Am pleased with the results from my adv.—C. W. REIMERS, Louisville, Ky.

JOSEPH HEACOCK, WYNCOTE, PA.
Mention The Review when you write.

THE RETAIL FLORIST

Wire Designs.

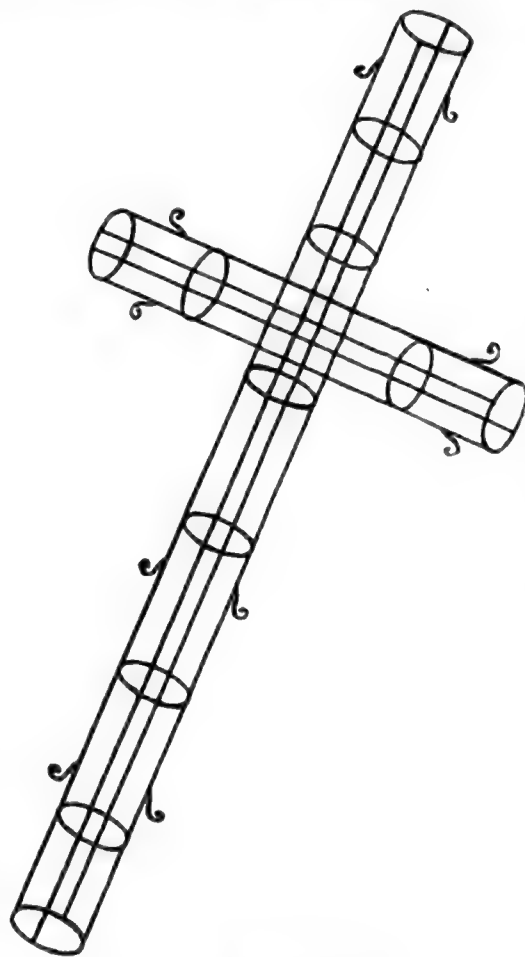
For the purpose of finding out what was the latest in floral wire designs, we recently visited the extensive manufacturing establishment of Reed & Keller, whose address may be found on the opposite page. This is a most remarkable place. A vast collection of wire designs is to be found there, many of them belonging to and speaking volumes of the past—the very long ago of floriculture, and others as up-to-date as any other element in our business.

Much—in fact, most—of the very best and newest in American floral design work is never illustrated because it is usually done in a great hurry and we have very few retail florists who are also photographers. This is also the case in wire work. Scarcely a day passes but what you, I, or the other fellow visiting Reed & Keller's gets something specially made to suit the exigencies of that particular work; we bind the firm to secrecy, and the thing, in many cases valuable and new, is lost to the trade.

Perhaps you know that the wire-workers of to-day have heaps of trouble of their own. Most every gravedigger looks forward to the few cents or dollars he can dishonestly get by the sale of frames left on the graves—indeed, of late there has been quite a large business done in this way. The wire work in every large cemetery is collected, many times before the flowers of sorrow are faded, sold to speculators, repainted and resold to florists in the city at wholesale prices, and it may be truly said that some frames thus go backward and forward for years. We know that to be "up-to-date" means cheap, shoddy and glarish. That business—we mean of course the flower part, the mainspring of which is sentiment—is often devoid of principle, and is used as a cloak for all that is small or shallow in human nature.

By the purchasing of this kind of material we encourage crime of a ghoulisish variety, and don't doubt it that if the general public or your own customers become convinced of it the trade will suffer; no one cares to put a frame so purchased on the bier of

a friend—no, not even yourself—and we'd like to see the miserable traffic stopped. We promise to attend to it in this city. We mention this matter here because we have been looking at several grades of stock. Every good "maker-up" knows the value of strong, well made wire frames; they are the foundation to his work. Well, of late years the market has been flooded with cheap, poorly made frames. The manufacturers tell us it



Log Casket Cross.

is necessary in order to compete against the cemetery ghouls.

But let us return to the principal object of this article. Whilst most florists are content to have their wires painted green, the tendency, at least for show or sample work, seems to go toward gilded work. They look better and richer if your kind of trade

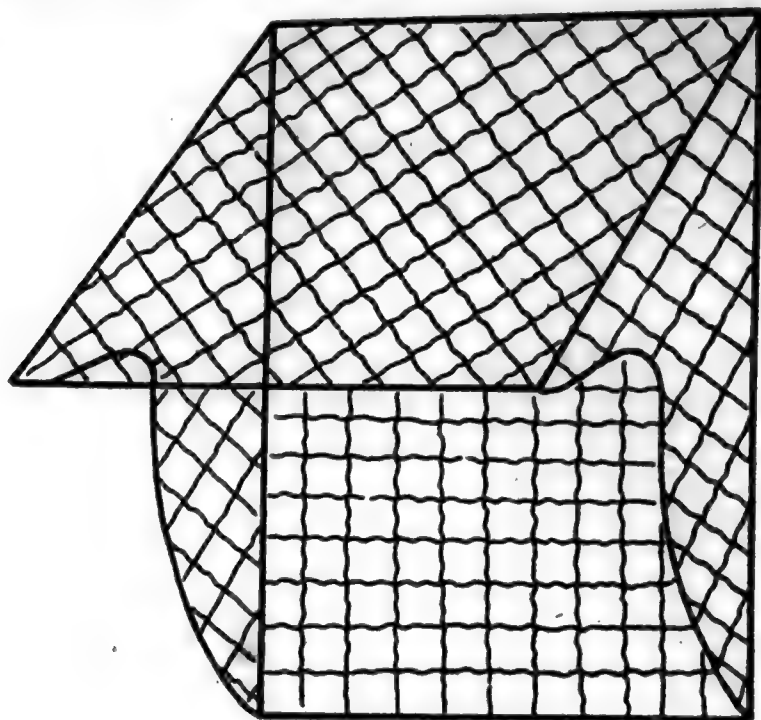
necessitates your keeping frames hung prominently in your store, or your customers always "want to see the size."

There is nothing specially new in wire work, but there are many very useful designs which deserve to be better known. Every florist is supposed to be acquainted with the badges and insignia of every important society, for many of them will have nothing but a facsimile of such sent as tokens to funerals of members; therefore, if you have not already done so, get a collection of national and international flags and society emblems; you may not need them to-day, but you might to-morrow. The designs mentioned and sketched here have mostly been originated by Reed & Keller.

The casket log cross makes a most beautiful design. It can be made any size, the most popular being 42 inches long with 18-inch cross beam. The frame is round and stands on feet which raises it just sufficiently to clear the casket when finished. It is necessary to make this design solid. This can best be done by the use of violets, carnations, lily of the valley, pansies, or any small flower. One flower or color is best; a cluster can be arranged at the cross beam. Emblematic designs must of necessity be made somewhat stiff to conform to outlines, and many times the finest effect and most expression can be got by compact work; the finish is the important part. You know there is not so much talent required to what artists call "block out" a design as there is to "tone" it.

The cross, no matter how made, will always represent one emblem of Christianity. The wreath stands for immortality and is the most classic of all designs. A few years ago crescent wreaths were most popular; now the even width is mostly used. Many imagine that the tendency to narrow the variety of funeral designs injures that section of our business; that people don't care to send the same kind of design. It is true that the craze for distinction is still rampant, but it is not so fierce as it used to be. People recognize the fact that comedy can be employed even in a funeral design, and though many florists are willing to play the comedian if paid for doing so, still the age is becoming more intelligent and values incongruity at the market rates. You can put varietal values even in wreaths and bunches, and we would rather see a demand for greater variety of flowers than an extra rush on foolish designs.

There is, though, an inclination on the part of some florists to dispense with mossed designs altogether. You are doubtless aware of the fact that there has recently been an infusion of high-collared, kid-gloved, dry-goodsie looking know-it-alls into our retail business who do not like to dirty their bejeweled fingers by using wet moss. That's the element floriculture has most need to dread and



Square Folding Canopy.

no retailer should employ a man who thinks himself too good to moss a design. The best men prefer to either do this or stand by and see that it is properly done.

Casket covers, scrolls, lettering frames and many other kinds of work no longer need to be mossed or be clumsy and heavy. Moss can be dispensed with altogether by the use of strong, finely woven mosquito netting. Paint it green, put it on a steel wire skeleton frame, any desired shape; you can fasten the greens and flowers on it by wire hooks bent on the reverse side. You can make very clean, light and artistic work in this way, but this system is still in embryo.

Regarding festive decoration designs, the folding canopy is the most useful and convenient article. It is suspended by attachments to the cornice. It is usually 4x3 feet, and when not required can be folded as flat as a screen.

The arch canopy is another great help to decorators. It is very strong and substantial, is made in section, and can be raised any desired height. The frontal arch may be used separately and can be easily made the support of a natural looking arch of roses or other flowers.

A device for holding tilted plant pots can easily be made by fastening together two different sized half diamond shaped steel wires; this kind of a stand needs to be unobtrusive, for there is usually no time to cover up unnecessary wire work.

The wire tree with glasses is often very useful for special flowers in window decorations. At the last American Rose Society show Mr. Kift exhibited many novelties in glass holders. Some of them are destined to become very popular, not only with the florists, but with the general public, for use in table decoration. Mr. Kift's patent holder is a good thing;

the rods may appear a little formal, but in the hands of a good man loose and natural effects can easily be produced and the system renders work less difficult. It is often the case that

has patented his system, which consists of movable clasps on steel rods.

Flowers in Season.

Gardenias are the choicest material for both corsage and boutonniere at present.

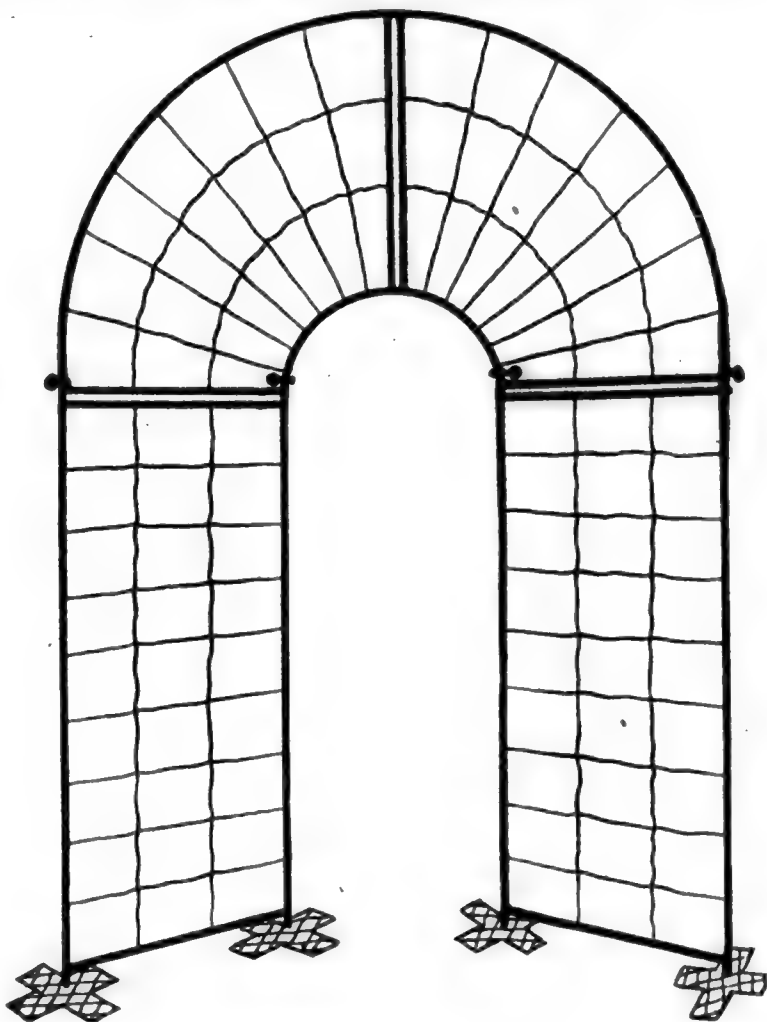
Violets are getting very pale and small. Their season will soon be at an end; they have paid well this year.

Stephanotis is coming in and will be the very cream of material for brides' bouquets and grooms' coat flowers.

White orchids have not been overplentiful. An orchid, no matter what sort, is always select goods. There has been quite a run on anything white for brides' bouquets. Our orchid growers seem to want to give us nothing but cattleyas.

Just at present large quantities of Cattleya Mossiae are coming in and most of them are extra fine. If you have any fine work to do, no matter what it is, you cannot get anything choicer than cattleyas just now.

Out-door bulb stock is in and is used only in cheap forms of decorations, being coarser and stronger scented, yet much of it is very beautiful. We never despise beauty because it appears plentiful.

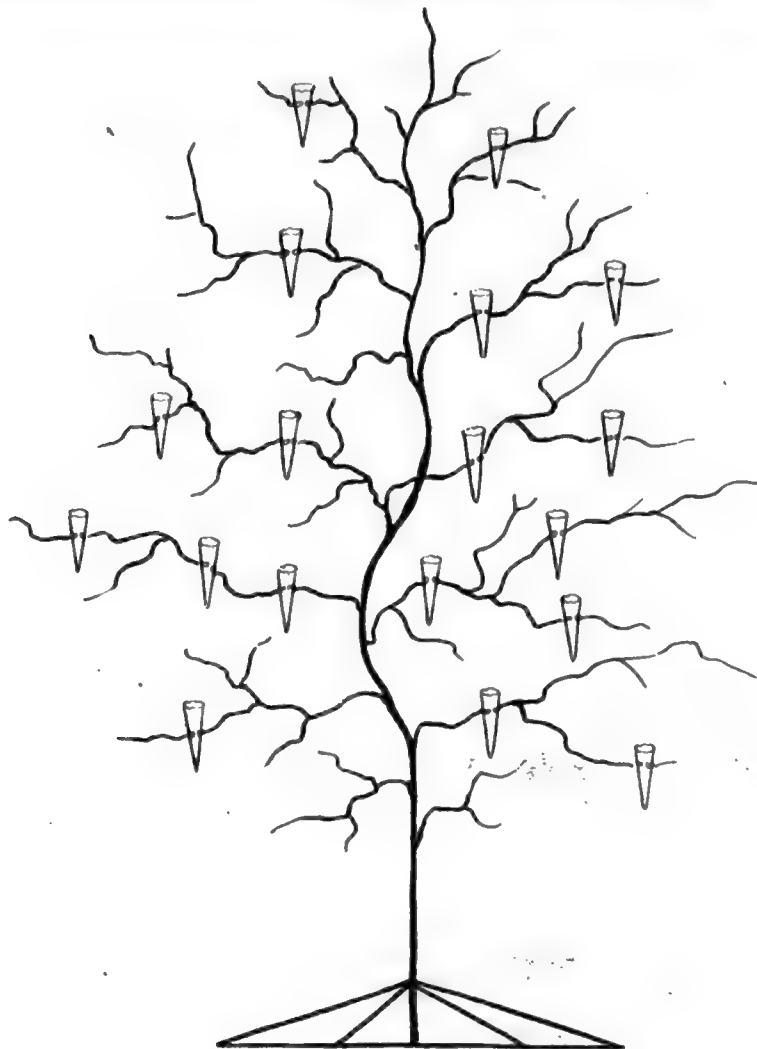


Adjustable Arch Canopy.

the decorator is strictly enjoined against driving nails. By the use of a silent screw eye or cord round the top of a cornice a whole wall can be fixed up by using a few of these rods. Reed & Keller have been using them for some time on stationary wire. Kift

Lilac is abundant, and let it go cheap. It's good to have a fair share of out-door flowers in your store; they come in handy for cheap work, and no store is too good for them at this time of the year.

Capt. Christy, like many more good



Tree for Decorative Purposes.

things, such as gardenias, extra grade cattleyas, Baroness Rothschild, Bruners and superb Jacqueminots, can only be had in New York at Thomas Young's, 43 West 28th St. Christy roses have been used in some of the swellest bridesmaids' bouquets this season.

Get ready for Decoration Day. There promises to be an extra good trade this year. IVERA.

THE IMPROVEMENT OF CARNATIONS IN AMERICA.

BY C. W. WARD, QUEENS, N. Y.

[Read before the Massachusetts Horticultural Society.]

Our carnation, *Dianthus caryophyllus*, erroneously called Pink by many people, is a native of Southern Europe. In its original state it is a half hardy herbaceous perennial, growing about two feet in height. The original flower was flesh-colored and contained five broad petals. Its natural period of blooming in the open air is from June to August. It is said to exist in a wild state in England, where it was introduced supposedly about the time of the Roman invasion. As long ago as 300 years B. C. the carnation was described by Theophrastus, who gave it the name of *Dianthus*, from the Greek *Dios*, divine and *Anthos*, flower. The name *caryophyllus* was undoubtedly taken from the clove tree, *Caryophyllus aromaticus*, and was applied to the

carnation because of the clove like fragrance of its blooms. The name carnation, derived from the Latin *Carnis*, flesh, refers to the flesh colored flowers of the original type. The carnation has been in cultivation for more than 2,000 years and in early Greek history is mentioned under the name of Gillyflower. As early as the beginning of the 16th century the development of the carnation began to attract the notice of historians, and the European gardeners contributed so many varieties that Girard, in 1587, wrote that to "describe each new variety of carnation were to roll the Sisyphus stone or number the sands."

The carnation has been divided into several distinct classifications. The French arranged all varieties into three classes, the Grenadines, Flamens, and the Fancies. The English divided them into four classes: Selfs, those comprising only one color in the petals; Flakes, those having a pure ground of white or yellow and flaked or striped with one color; Bizarres, those having a pure ground color, but marked with two or three different colors; and the Picotees, the latter class having a pure white or yellow ground, each petal being bordered with a band of yellow at the margin. The English still maintain this classification, and in the twenty-second annual report of the National Carnation and Picotee Society, Southern Section of England, we find a total of 42 classes described in their premium

lists, covering the above four classifications.

In the early part of the 19th century the English gardeners paid particular attention to growing carnations, and produced fully as large flowers as any that we have upon the table here today. They practiced what is known among English gardeners as dressing—removing all imperfect and superfluous petals with a forceps and arranging the remaining petals in a perfectly formal manner. Frequently the calyx was cut down between the points, to prevent what is known as bursting; that is, the growing out of the petals at one side of the calyx. All of these artificial details seem to have proved of doubtful benefit to the carnation, and eventually to have wrought its downfall, as we find that from about the middle of the 19th century little is heard of the carnation among English gardeners, until within comparatively recent period.

The type of the carnation, however, that was developed and grown by the English gardeners is not the same type that we grow at the present time, but is distinctly a race of summer flowering carnations. The usual plan of growing them is to keep the plants in cool houses or cold-frames during the winter and to bring them into blooming quarters in the early spring. They were usually had in perfection during the months of July and August, each plant producing a profusion of blossoms during this short season. While the English seem to have lost much of their interest in the carnation about 1850, that interest seems to have been steadily reviving during the past few years.

Referring again to the annual report of the National Carnation and Picotee Society, we find that there are a total of 319 premiums offered in the 42 classes, and that this society is supported by a list of 380 subscribers who have donated sums ranging from 5 shillings to 50 pounds each toward maintaining its premium list, these donations amounting to 317 pounds sterling, or about \$1,500. We also find that this report contains as patronesses the names of Lady Ardilaun, Baroness Burdett Coutts, the Duchess of Marlborough, and as patrons, Lord Balfour, Lord Henry Grosvenor, Lord Rothschild, and Baron Schroeder, and many other prominent people. Among its vice-presidents is found Sir John T. D. Llewellyn, member of Parliament. The mention of these names will give some idea of the present interest shown by the English people in carnation culture.

In America we have also the American Carnation Society, a national body devoted to the improvement of the divine flower. This society is composed of a membership of upward of three hundred, the majority of whom are either carnation enthusiasts or engaged in the cultivation of the carnation either commercially or

as amateurs. The work of this society has been of incalculable benefit and to its efforts may be largely attributed the advancement which has been made in the American carnation. This society holds its annual meeting in February of each year at different points throughout the United States, upon which occasions are exhibited magnificent displays of the finest carnations that can be grown. The membership of this society is open to any and all persons who are interested in or have any love for the carnation. None are barred—amateurs and professionals are equally welcome.

termed monthly carnations. It is from the productions of Alegatiere that our American race of carnations was undoubtedly obtained.

As early as 1866 a number of varieties were imported into this country by Messrs. Dailedouze & Zeller, horticulturists, who were then located in Flatbush, L. I., these gentlemen having imported Edwardsii, Pres. Degraw, La Purite and a variegated La Purite. These varieties were grown during a period of ten years as pot plants for summer and winter blooming. It may be of interest to state that at the present time Mr. Charles Zeller, the survivor

douze Bros., of Flatbush, L. I., and many others whose names are not now at my command.

The foregoing historical treatment of the carnation I have gathered largely from the *Cyclopedia of American Floriculture* recently published by L. H. Bailey of Cornell University.

To-day it is my purpose to give you an illustration of the development of the carnation from the original five-petaled bloom to the 4-inch flower of the present date. We find from the ancient descriptions that the wild carnation was a five-petaled flower about one inch in diameter, and that it was commonly of a flesh or lavender color. Fortunately, among hybrid seedlings of to-day frequent reversions furnish us with flowers that are almost identical with the original type as it existed 2,000 years ago, save perhaps in the matter of color.

In Fig. 1 we have the original five-petaled flower, but the color is of a deep crimson. In Fig. 2 we have the first step toward the improvement of the flower, this being the addition of a single petal, producing a six-petaled bloom. The next step is shown in No. 3, where three or four small, short petals have been added to the center of the bloom, producing a semi-double flower. In the next step, No. 4, still more petals have been added, and we now have a fairly double flower. The fourth step was made by adding still more petals, making a full double flower, as shown in figure 5. But you will notice that in all of these the relative size of the bloom remains the same, namely, about one inch in diameter.

After the carnation hybridizer had succeeded in producing the double bloom shown in figure 5, his next aim was to increase the size of the bloom, improve its strength, as well as to elongate the stem, and to improve and diversify the shades of color. This has all been so faithfully done by our American hybridizers that you now have before you these magnificent blooms measuring from three to four inches in diameter, with perfect calyces, and supported upon stiff stems two feet or more in length, some of them being equal in form to those produced by the artificial manipulation of the English dresser, embracing almost every tint of color known in flowers, save that of blue, and the approach toward this latter color is shown in varying shades of purple; several California varieties have been introduced in a distinct shade of mauve.

The study of this plate is decidedly interesting, as it shows the comparative difference between the carnation as we know it to-day and the original flower that aroused the sentiment and admiration of the ancient Greeks and Romans. This comparison is accentuated when we throw upon the screen Governor Roosevelt, a seedling four inches in diameter, as the photographs from which these slides



Steps in the Improvement of the Carnation.

The carnation commonly grown in America was derived from the French strain, known as the remontant, monthly, or perpetual flowering carnation. This distinct race originated about 1840, and is said to have been produced by M. Dalmais, a gardener of Lyons, France, the original variety, called Atim, having been sent out about the year 1844. This improvement was followed in 1846 by M. Schmitt, of Lyons, who produced several fine varieties that remained in cultivation a number of years.

M. Alphonse Alegatiere was the next horticulturist to aid in the material development of this new race of carnations, and he succeeded, by skillful crossing, in obtaining fine varieties with stiff stems. In 1860 the number of these varieties was largely increased and this class received the name of tree carnations; but in America they were generally

of the firm of Dailedouze & Zeller, still lives in Flatbush, a hale and hearty gentleman upward of eighty years of age, and it has been my pleasure to hear Mr. Zeller frequently declare that he was more than proud to have been one of the first who brought the carnation to this country. Mr. Zeller's partner, Mr. John Dailedouze, has long since passed away, but has left worthy sons who have succeeded to and preserved their father's love for the carnation.

The work of improving the American carnation has been taken up and carried on successfully by such men as the late Charles T. Starr and W. R. Shelmire, of Avondale, Pa.; Wm. Swayne, of Kennett Square, Pa.; Jos. Tailby, of Wellesley, and Sewall Fisher, of Framingham, Mass.; Fred Dorner, of La Fayette, Ind.; R. Witterstaetter, of Cincinnati, O.; Peter Fisher, of Ellis, Mass.; the Daille-

were made were taken of the same relative size. We will also find in this bunch of seedlings before us a number of these single petaled blooms.

Possibly a brief description of the process of hybridizing may be of interest. You will see projecting above the flower two horn-like growths. These are the pistils, or female organs of the flower. Where the petals and pistils have been removed, you will notice the anthers, which contain the pollen. In hybridizing, this pollen is removed from one flower and spread upon the pistils of the flower which we wish to bear the seed. This is done by tweezers or a camel's-hair brush, and in some instances by simply taking the flower and scattering the pollen over the pistils.

When the flower has commenced to wither and the petals are closing together, it is an indication that fertilization has taken place, and it will be seen that the ovary or seed pod is commencing to enlarge. After fertilization has taken place this pod continues its growth for four or five weeks and usually ripens its seed within six or eight weeks after the date of fertilization. Seed ripening, however, takes place much more rapidly in April, May and June than during the winter months. After the seeds are ripened they are carefully sown and treated the same as the



Fig. 6.



Fig. 7. Ideal White Seedling.

seeds of any choice greenhouse plant.

In a week or ten days after germination the root system has reached considerable proportions and the first true leaves are beginning to form. When the seedlings reach this stage they are taken from the seed beds and pricked off into flats, where they remain three or four weeks and are then potted up in small pots, from which they are planted in the open ground about the first to the tenth of May, where they come into bloom during the months of August and September, at which time the plants bearing promising flowers are lifted and planted on the greenhouse benches, and thereafter treated the same as in ordinary carnation culture.

While this growing of seedling carnations is an intensely interesting work, and one well worthy the careful attention requisite to obtain material results, it is not only tedious but expensive, and the seedling grower who produces a distinct advance upon the existing type of carnation is well worthy the plaudits of his fellow carnation men and richly deserves the praise of all those who are interested in or imbued with the love of flowers.

In figures 6 and 7 we have a snow white seedling which for beauty of form and purity of color was unsurpassed, but, unfortunately, it was not sufficiently free in blooming to warrant its commercial introduction. In the front view of the flower the petals are not crowded, but there are sufficient of them to give the effect of a

well formed, shapely bloom, and in the side view of the flower you will note that the guard petals are broad and stand out flat from the calyx without recurving, while the center of the flower is well built up and the calyx and stem are proportionately strong.

In figures 8 and 9 we have Governor Roosevelt, a seedling of 1897, which is particularly distinguished by its symmetrical form, large size, splendid calyx and excellent stem. This variety is possibly the most advanced step in the development of the

the secondary flowers might have developed additional pistils. The flower was nearly four inches in diameter, and is the most remarkable freak that I have seen among carnation seedlings, but, unfortunately, we cannot proceed further in hybridizing with this variety, as it produces neither seeds nor pollen.

I am asked sometimes why carnations purchased from the stores frequently keep but a few days, and I am oftentimes asked for instructions as to how to care for carnation blooms. In my opinion, the reason for carna-

changes in temperature, such as chilling them and again overheating them, the plants eventually fade away and die. This is especially the case with a member of the plant that has been severed, such as the cut flowers.

The treatment that I would recommend in order to keep carnations as long as possible is to plunge the stems in water from which the chill has been taken, so that it feels just slightly warm to the hand. Then place the vase of flowers in a room not colder than 45 to 50 degrees Fahrenheit and allow the flowers and water to cool down with the room. Treated in this way we keep carnations from two to three weeks, and in some instances have kept some varieties four and five weeks. If the blooms are kept in a room ranging at from 40 to 50 degrees during the night time, they may be brought into the living room where the temperature is quite high during the day time, and returned to the cool room each night without serious injury. Treated this way, carnation blooms should last from 7 to 12 days and even longer.

I have found an unoccupied bedroom on the north side of a house in which there was no direct heat, or at least very little heat, the temperature ranging from 45 to 55 degrees, an excellent place in which to keep carnation blooms. It is in this kind of a room that we are able to keep the carnations from two to three weeks, and even longer, as I have before said.

After listening to this technical description of the advanced improvement in carnation culture, a few statistics concerning the magnitude of the business, the value of the product sold, the capital invested and the persons employed, may not come amiss. It is impossible at the present time to make correct statements regarding the amount of capital employed, as we have as yet no accurate statistics. From a rough computation I am inclined to think that there is perhaps two millions of dollars invested in carnation growing in the United States today and that there are probably employed in the production of carnation flowers something like 5,000, possibly more, people. These employees receive wages ranging from \$35 to \$100 per month, the average wages probably being \$45 per month.

It is still more difficult to arrive at the value of the product produced, but basing our estimate upon the retail prices, the probable value of blooms and plants sold should be from three to four times the capital invested. There are about two and one-half millions of young carnation plants and rooted cuttings sold each year, and florists produce an equal amount which they themselves use for growing and which are not sold; so that the entire production of rooted cuttings and young carnation plants will approximate five millions per annum. Of these plants, at least four-fifths are grown under glass during the winter time for cut flower purposes, some

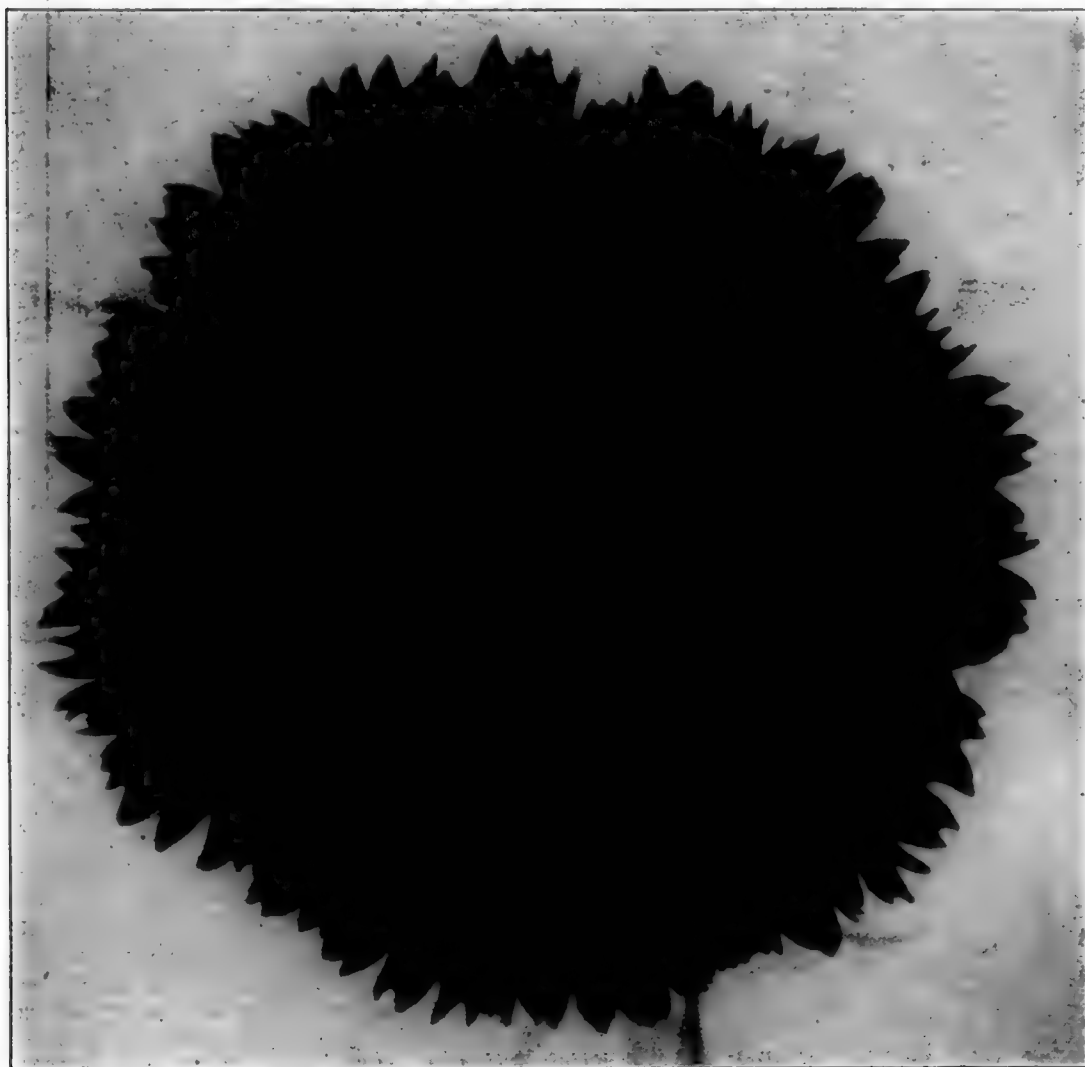


Fig. 8. Carnation Gov. Roosevelt.

carnation yet achieved. The flowers reach $3\frac{1}{2}$, even four inches in diameter, with stems from 2 to 3 feet in length.

In figures 10 and 11 we have quite a new departure in carnation seedlings. This is what we may term an anemone-flowered carnation. You will notice that this flower is composed of a single row of broad guard petals that stand out well from the calyx. Around this is a thick, bunchy wreath of fine, feathery petals, the same as seen in the anemone-flowered chrysanthemum. In the center of this bloom are six miniature flowers, the largest of the secondary flowers being surrounded by the five smaller. This flower also has four pistils instead of two, and probably if it had been left to develop some of

nations not keeping after they have passed through the commission houses and stores arises from the variety of improper treatment which they receive. I have many times seen dealers take carnations from the box as they arrive and plunge the stems immediately into ice cold water and set the flowers in a cold ice box. I think that this alternate chilling and heating of flowers, such as plunging the stems in ice water and chilling the flowers, and then placing them in highly heated dry rooms, is the reason for the premature withering away of the carnation flowers.

You will understand that a flower immediately after being severed from the plant is in a delicate condition. We all know that if we subject our plants in the greenhouses to these sudden



Fig. 9. Carnation Gov. Roosevelt.

three to four million plants per annum being used for this purpose. Assuming that they produce an annual average of twenty flowers to the plant, would give sixty millions of blooms produced upon the American continent each year.

What becomes of this enormous number of flowers is somewhat of a mystery. They are put to innumerable uses. The carnation is a flower that awakens the love of almost every person; and as the average carnation blooms are sold at much more reasonable prices than many other flowers, they come within reach of a larger class of people than do roses and orchids; consequently the consumption is larger.

There is no use to which flowers may be put for which the carnation is not fitted. It lends itself to almost every scheme of decoration. Its delicious, clean, pungent, aromatic fragrance admits it to almost every sick room; it is unsurpassed for dinner or center table decorations; it is universally used in the making up of set pieces; it is also one of the best flowers for boutonnieres that the florist has at his command; and finally, its wide range of pleasing colors, its lasting qualities and fresh, rich, clove fragrance combine to make it one of the most popular, as well as one of the most sought for and profitable of florist's flowers.

BALTIMORE.

Personal and Trade Items.

The influence of the advent of lilacs and other hardy flowers is being felt on the market and blooms from the glass houses are less in demand and lower in price, only good stuff keeping fairly up to the expectations of growers. First-class roses continue in fair request and will go off at remunerative figures, but the bulk of the mediocre material is away down, as usual at this season.

Up to this date, May 7, the supply of carnations is ample for all calls, and prices droop off slightly. For the past week there have been numerous commencements of medical, dental and other colleges, making a distributive demand.

The expected sale in a bulk lot of the plants of Mr. W. W. Spence was not consummated, and they will be sold at public auction on the 9th. John Donn, who has had them in charge for several years, will, as we understand, go again into trade, and is now looking around to locate himself suitably.

Mrs. Amelia Schuler, a Baltimore florist, doing a fine business and with an exceptionally good class of customers, is much gratified, as is natural, at the award to her son, Hans Schuler, who is well known to the trade here, of the scholarship in Paris of the Rine-

hart School of Sculpture, the value of the same being \$1,000. Mr. Schuler is now studying his art in Paris, where he has already made marked progress and received several awards of prizes, which point to his achieving a probably distinguished career.

The *Rosen Zeitung*, a journal published in the interests of the lovers of the rose at Frankfort-on-Main, Germany, and edited by P. Lambert, in its last issue has a colored plate and an account of the rose White Maman Cochet, which originated with John Cook, of this city. It congratulates that gentleman on his good luck in such a find and describes in glowing terms the excellent qualities of the rose, which from the tenor of the article seems peculiarly adapted for growing in Germany in frames without fire heat. The illustration of the variety is handsomely executed and the editor plainly regards it as an acquisition of value.

An afternoon call at Mr. Cook's place a few days ago found much to interest, for that enthusiastic and enterprising gardener has always something new and good to present. His hybridizing of roses in the search for valuable sorts is a perennial occupation and is pursued with a zeal and discrimination which promise even larger results than those already achieved. His rose Baltimore, although late in the season, showed great blooms and immense, strong stems, some of them reaching six feet in length. He has another favorable seedling which he considers as offering much promise. This is a bright pink with sturdy stem and grand leathery foliage. It comes from a white seedling of his own, fertilized with pollen from the American Beauty.

This pursuit of new varieties worthy of propagation and dissemination is a fascinating one, and none the less that it is certain in advance many will fail to turn out any improvement on older sorts. In the effort, however, for forcing roses quite a number which come short of all the qualities needed for their end are proving admirable garden sorts and deserving of general cultivation. Doubtless some of these will be heard from later on.

On this place is to be seen a well-grown specimen of a variegated *Asparagus Sprengerii*. Remarkable to say, the seedlings from it come true. Here also is a cross between *Asparagus decumbens* and *Sprengerii*. *Sprengerii* is grown here not on standards, but on benches, with arched-like frames of poultry fencing wire between the rows to keep the sprays off the soil, as was a few years back practiced with carnations. It has a full southern exposure in the houses.

Another asparagus grown here, a variety of great substance and vigor, is *pyramidalis erecta*. It is well adapted for decoration work, especially where considerable masses are to be used, but so far we believe it is not in commerce, at least not in this country.

A great many fine statured plants

are kept in these houses for decorating churches, dwellings, etc., but some of them have by their growth exceeded their accommodations, and another winter will find their places filled by successors. Other subjects are kept either for sale or the pleasure of the owner, and new things are added from time to time. We noticed a more than usually well-conditioned specimen of the *Chamerops Fortunil*.

Mr. Cook believes a good deal in specialties and novelties. At his store in the city his almost daily effort is to have something new or striking. This great collection readily enables him to

do this. His immense beds of daffodils, The Emperor, must have been a gorgeous sight when in bloom, and besides the local demand 20,000 flowers were shipped to New York.

He finds the Japanese double cherry a very taking thing, and of fine lilacs, like the making of books, there is no end. Indeed, were one to attempt to merely catalogue the lovely and attractive things to be found on the well-stocked twenty-seven acres of this genial and devoted horticulturist, it would be a Herculean task, which will not be attempted by RIX.

checked by severe dryness, they are seriously hurt.

The soil was 40 per cent loam, the same of leaf mould, and 20 per cent rotten manure. The finest cyclamen grown here or in Europe are grown through the summer in hotbeds, but they are not necessary to grow a fine plant, and a plant 18 inches across, well flowered, will suit your trade more often than the prize-taking 30-inch plant.

Primroses.

It is now time to sow the Chinese primula as well as *P. obconica* and *Forbesii*. None of these are heat-loving plants, so after the plants are up coolness is rather the object to be sought. We find a bench in a shaded house does them very well in the summer months, but they must have plenty of fresh air. *P. obconica* has proved to be one of the best plants we have, not only as a pot plant but for cutting. While a gold-frame is a splendid place for the primulas during the summer, we have got along very well in a house where there was an abundance of air and very little shade. There are some great improvements in the *obconica* of late and you should get the best seed procurable.

Boston Ferns.

There seems to be no let-up to the popularity and usefulness of the Boston fern, "*N. e. Bostoniensis*," and after New Year's it was impossible to buy medium sized plants. A plant that fills a 5 or 6-inch pot is in greatest demand. All the young plants you can get together should be planted out on a bench as soon as you have the room. If you don't have them, buy them now in 3-inch pots. Four or five inches of soil is enough, one-half loam and the remainder rotten manure and leaf mould. If you don't have the leaf mould, decayed refuse hops will suit them finely.

Give plenty of water, a syringing in the morning and shade from the hottest sun, and by October they will be fine plants and lift without losing a frond. I can add nothing to the well known qualities of this fern, but it really seems to be the most perfect house plant we have, thriving everywhere.

Hydrangeas.

Hydrangeas that you did not force for Easter but rested as long as possible will now be coming into flower. Look out for red spider. We have had the flowers ruined on them during hot weather before we knew what was the matter. It is not only the want of syringing, but allowing them to wilt for want of water, that promotes greenfly. If in small pots they should be supplied with liquid manure. Any one-year old plants of hydrangeas that were forced for Easter and did not sell, if cut down low, partly shaken out and started growing again, will make the

MISCELLANEOUS SEASONABLE HINTS.

Heat and Shade.

We find from now till about the 20th of this month to be our most crowded time, and every inch must be made use of. Cold-frames help very much and should be used as largely as possible, for with all the hardier bedding plants, such as geraniums, you can give them the full sun if plunged in some material and on fine days remove the sash, which hardens them for their future use.

Ten years ago we used to make the mistake of shading our houses, perhaps all of them, about the end of April, and then for economy's sake letting the fires go out. This, to coleus, cannas, acahyphas, and other tropical plants that you have been previously growing in a brisk heat, is murder. They will just stand still, if not even go back. Get all such plants in houses that you don't need to shade for anything and make up your mind to fire till the end of this month. More favored conditions may exist in some localities, but here it is necessary. Last night, May 5, we had a decided frost.

Geraniums, petunias, ageratums and the colder blooded plants will do without fire if the glass is unshaded and you make allowance for the absence of heat by more careful watering.

Chrysanthemums.

Chrysanthemums grow fast now, and it is a good time to put in big batches of cuttings. We never seem to have too many. Although the sand in your propagating bed is getting cooler every day and less conducive to quick rooting, you can overcome that by giving an abundance of water. Twice a day a heavy watering is not

too much and never let them wilt, either from sunshine or want of water. You must attend to these things, or in June when the benches are empty you will have to buy.

Don't think for a moment that chrysanthemums are going out of fashion. The great big "ponderosa Paderewski" type at \$9.00 per dozen may be, but \$2 and \$3 a dozen flowers are as essential to us in the fall as the roses and carnations, and they just suit the plant men near the cities who can fill up again with lilies, azaleas, etc.

Cyclamen.

It is just about now that the most beautiful of our winter flowering plants, the cyclamen, gets neglected. If they are in 3½ or 4-inch pots and plunged in a mild hotbed, then they have a fine place, providing they get no neglect, but there are many ways in which they can be neglected just now, and for another month I would prefer to keep them on a light bench in a house where you will keep a fire for the next 30 days, and in addition to regular fumigating, scatter tobacco stems between the pots.

We have never had our cyclamen grow so freely and robust as this year, and from one particular cause, which has taught us a lesson. Instead of putting them in 2-inch pots from the seed pans, we planted them in flats two inches apart. They have grown as they never would grow in pots and needed a 3-inch when potted. Now they are in a 4-inch. The lesson was that in the bulk of soil contained in the flat there was not the drying out and starvation that would be liable to occur in a tiny pot, and shows they must grow right along; once

finest plants for another Easter. Why I don't know, but the two-year-old plants give us a much brighter flower than the young plants. I prefer to keep them in pots plunged all summer out of doors.

I am in duty bound to say that the Aphis Punk for which I had a good word to say at the Carnation Convention and which up to that time I had found most convenient to use and most efficacious in killing greenfly, has recently seemed to have no strength. I trust the manufacturers will inject some nicotine into their future make. Perhaps a great demand did not allow proper time to add the essential qualities, and the label and advertising was in greatest supply. "When you get a good thing, push it along," but be sure the quality is of the same excellence that gained the article a reputation. "Coleman's mustard," "Cross & Blackwell's pickles," "Lee & Perrin's Worcestershire sauce," "Bass' pale ale," and a number of those things they make in the "slow, old island," are the same to-day that they were 50 years ago, and no matter where you buy them, whether it be in Chicago, Bombay, or Botany Bay. So let us have Aphis Punk as you first made it, for then it killed greenfly as well as Mr. Ward's favorite cat.

I hope that you have most all your bedding plants shifted into their selling sizes, but your labor with them



Fig. 10.

hotbed manure, and those without, is remarkable. Possibly the leaf absorbs some benefit, but the absence of extreme dryness has much more to do with it. It takes a little while to throw this material up to each row as you are setting the plants over, but the quality will repay a hundred fold; and then the sun can pour down on them without harm.

WILLIAM SCOTT.

AMERICAN ROSE SOCIETY.

The first summer exhibition of the American Rose-Society will be held in the Winter Garden of the Eden Musee, New York City, June 12, 13 and 14.

The premium list has been issued and copies may be had by addressing the secretary, Mr. Leonard Barron, 136 Liberty street, New York. There is a large number of cash prizes in addition to many silver cups and medals. The display of hybrid perpetual and hybrid tea roses promises to be especially fine.

AMERICAN CARNATION SOCIETY.

The printed proceedings of the ninth annual meeting of the American Carnation Society, held at Buffalo February 15 and 16 last, has been issued and a copy has reached us.

It is handsomely printed and contains a stenographic report of all the discussions, in addition to the essays read at the meeting. These discussions, by the way, are always the most interesting part of the proceedings.

The report is a valuable addition to



Fig. 11. Anemone Flowered Carnation.

is not finished. Now is the time of greatest growth and the zonal geraniums particularly want at least one stand-over before they are sold. It seems to do them an immense amount of good and the reason is the added light and air that you let in among them. An expert hand will move sev-

eral thousand in a day and it must be done if you are going to produce good plants.

I don't like to advocate extra labor, but the difference between geraniums and fuchsias or anything that has over a 3-inch pot when plunged, or even half plunged, in hops or old

the literature of the carnation, and Secretary Herr is to be congratulated on having put the matter together in such convenient form.

The Carnation Society is doing excellent work and its membership should be even larger than it is. You can become a member, which entitles you to the report, by sending \$2 to Albert M. Herr, secretary, Lancaster, Pa.

CHICAGO.

Club Meeting.

At the last meeting of the Florists' Club the coal question was discussed and action was finally taken by the appointment of a committee consisting of W. N. Rudd, A. McAdams, Peter Reinberg, Walter Retzer and J. C. Vaughan, to get the coal users together and endeavor to effect a saving by purchasing in quantity for those who desired to take advantage of such an arrangement.

It was ordered that a question box be made a feature of future meetings, and members having problems to solve are requested to write out their questions and deposit them in the box.

The programme arranged for the next meeting includes a paper on the planting of small grounds by the florist, by Walter Retzer, and W. L. Palinsky will open a discussion on some subject of his own selection, probably spring bedding plants.

Mr. Thomas Savage, Joliet, Ill., was elected to membership.

A 6-inch pot plant of Petite Ami chrysanthemum in fine bloom was exhibited by John Rearson. He apparently has chrysanthemums in bloom all the year around.

The Market.

With some the supply has shortened somewhat since our last report, but with others there has been quite a marked increase. But all note a lessened demand, especially local, and there is a big lot of stock in the market. Shipping demand holds up very well, but the recent rainy weather seems to have killed what little local demand was left after the paralyzing influence of the Dewey celebration. Possibly aquatic flowers were what were needed during the admiral's visit, and certainly they are the only kind for present conditions, for the streets have been literally flooded by the storms. Few possible flower buyers are on the streets at such times, and even the street men cannot move the accumulation.

Paeonies are arriving and in a few days the supply will no doubt be large.

The prices of roses and carnations have not materially changed from last week, but you get a higher grade for your money.

Out-door valley is arriving and has had the effect of lowering the price of the indoor product.

Lilac is being received in immense quantities and is moving by fits and starts. On Tuesday it seemed to be

moving backwards. The price varies from 10 cents to 50 cents a bunch, quite a wide variation. This is due almost wholly to the way it is cut and bunched. That cut with good long stems and arranged in loose, shapely and attractive bunches is the kind that brings the top price, and certainly a little skillful labor devoted to the bunching brings mighty big returns. The little bunches of short stemmed flowers are always the ones that are left unsold and when they do sell they go at a very low figure.

Smilax is more plentiful and a shade lower in price. Lilies are good and plenty, but move slowly at low figures. Sweet peas are also hanging on the dealers' hands.

Peter Reinberg is cutting a good many Golden Gate roses and the best are selling readily at \$10 to \$12 a hundred, even during present conditions. It is an illustration of the desire for variety in rose stock.

Kennicott Bros. Co. are receiving the usual large quantity of outdoor bulbous flowers that come to them at this season, and there will be a flood of paeonies soon.

The shortening in the rose supply at some of the wholesalers' is undoubtedly due to the fact that quite a few growers are beginning to throw out and replant. This is notably the case with Bassett & Washburn. They have already replanted about a third of their Beauty houses and the teas are being likewise replaced as rapidly as possible. Mr. Bassett believes firmly in early planting, that he may have strong, vigorous plants ready for a good winter's work.

Wild smilax is about out of the market. The early spring in the south started the new growth and it is too soft to ship satisfactorily. Leucothoe and galax are also about past for the season.

Various Items.

At Morton Grove, Poehlmann Bros. are breaking ground for three new houses, each 20x300. They are the largest growers of chrysanthemums for this market and are rooting 150,000 cuttings this season. Their roses are in fine shape. They are already replanting some of their Beauty houses. A bench of Marguerites in large pots was a sea of flowers. They find them quite a profitable flower. At Christmas they marketed a cut of 17,000 flowers at \$1 a hundred straight. They are still cutting fine lilies, but the bulk of the crop has been marketed. They forced 7,000 bulbs. They force valley largely and the crop now in shows some extra fine spikes. Mignonette has been a feature with them and it has proven a very profitable crop. The spikes are of medium size only, but there are lots of them, and they sell well, and, last but not least, the odor has not been lost through effort after size.

Adolph Poehlmann is negotiating for the purchase of land near the Morton Grove Greenhouses, and as soon as a

perfect title is secured he will begin building.

At Niles Center, F. Stielow has his rebuilt range in fine shape. He is enthusiastic about the Garland iron gutter and says he would never dream of building any more houses without it. He feared that it would require more labor to put on the roof, but found it could be done fully as rapidly with the iron gutter as with the wooden one. The iron posts are set on a hard burned brick and the hole in the ground around the post filled in with cement. He expects his grandchildren to get just as good results from these houses as he does and that they will be "new" for an indefinite period.

Many of his rose beds are solid, with a layer of 3-inch sewer pipe under the prepared rose soil that is changed yearly. He is a believer in lime and evidences of it are seen under benches and in and around the sewer pipe in his solid beds.

Mr. Stielow finds that Brides and Maids like a heavier soil than other varieties. He still grows Buttercup carnations and says it is as free a bloomer as Gold Nugget.

John Brod is doing well with the former Schiller range of glass and has a house of La France in splendid bloom.

Adam Harrer has been cutting some splendid spikes of that white stock of which he keeps the name to himself.

Jacob Meyer's roses have bloomed well, but his young stock is troubled by a disease, of which we shall have more to say later.

The construction of Wietor Bros.' new range at Rogers Park is progressing rapidly. There are 16 houses, each 30x300, and they cover a little over 4 acres of ground.

McKellar & Winterson have begun manufacturing wreaths of the small prepared cycas leaves and are turning out some remarkably effective specimens. They meet with quick sale.

Weiland & Risch have filled their window with araucarias, which they are offering to the trade.

Bassett & Washburn have signed their coal contract for the ensuing year. It calls for 350 cars of coal. They used about 8,000 tons last season and expect to use about 10,000 tons the coming one.

The tulip beds at Lincoln Park are now a blaze of color and are well worth traveling a few miles to see. The hyacinths are still in fair condition, though a little past their best. The spikes from the Washington-grown bulbs were much the best of any of the hyacinths at the park this season.

Among recent visitors were W. Atlee Burpee, Philadelphia; Challenge Ventilator Evans, Sr., Richmond, Ind.; H. W. Buckbee, Rockford, Ill.

P. J. Hauswirth made a flying trip to St. Louis this week.

The bowlers rolled a few games at Anson's after the club meeting last Friday evening. They will bowl again at the same place tomorrow (Friday)

evening and get the finish on their training for the coming contest with the St. Louis team, which is to take place at Anson's on the 13th. Reserved seats have been arranged for the spectators and Captain Winterson says it will be a hot time.

The Park and Outdoor Art Association meets in the Art Institute, this city, June 5, 6 and 7.

The American Association of Nurserymen also meets in this city next month, at the Chicago Beach Hotel.

Mr. G. H. Pieser, secretary of Kennicott Bros. Co., is in poor health and has gone to West Baden, Ind., for a two weeks' stay.

BUFFALO.

The principal feature at present writing is the large supply of flowers. They are coming in from every direction and in larger quantities than can be profitably consumed. We must expect that, and possibly no one is suffering by the overflow, and the public are getting some fine roses for the popular price of 5 cents. Good carnations are not in such great supply. Violets are done for the season, but in their place we have an abundance of sweet peas, and they are favorites with all. A great many flowers are disposed of just now and they need be, to keep down the stock.

How strange it is to hear of the floods out west and 9 inches of rainfall in Colorado during April, lands that want irrigating usually by May 1, while we are actually parched; only a few flakes of snow and scarcely rain enough to lay the dust since the last great snow storm in March. Thousands of acres of forest fires in the nearby counties of Pennsylvania.

Carnation planting is going on just now. This is a long time after the orthodox date for this most important operation, but was as soon as we could get at it this spring.

W. J. Palmer & Sons have a 150x20 foot house of Liberty rose planted and growing. This is wise and no doubt will be a most excellent investment, and could only be improved on by having two instead of one. Those wonderful flowers that W. J., Sr., saw in Toronto convinced him that Liberty well grown is a wonder.

That rural town of Corfu has been shipping a lot of flowers of late and has not done badly all winter. Old John Briar Root Weigel has been running the houses of Mrs. Edwards this winter and has done well. T. A. Webb has given up roses entirely and has five large houses of carnations and four of lettuce. He thinks the latter pays about as well as the flowers. Mr. James Farnham has sold his house on Railroad avenue and is building on the main street, where he intends to remove his glass and add to it. Mrs. Tyrrell tells me she is better pleased with this year's business than for several past. The greatest cut of carnations I ever saw at one time was in the three long houses of Edward Gid-

dings. I have a picture of his Daybreak house, taken a few days before Easter, which will convince anyone that Daybreak is not yet gone. It was remarkable.

At the east end of the village on a 12-acre lot Aleck Scott holds forth, and his specialty is girl babies, but incidentally he has four fine houses of carnations of many kinds, two of violets, about gone, and one house that is a most pleasant place to smoke a good 5-cent cigar (that's enough to pay). The red, almost purple, foliage of the Kaiserin Augusta roses that are planted in a solid bed, rested all winter and started April 1, will give you a feeling of peace and contentment, and the fumes of even a Dutch drummer's cigar would seem like the Cuban weed.

A country village is a dirty looking place "just as snow goes down," but Nature, in spite of man's vileness and ignorance and laziness, steps in and covers a multitude of sins with her grass and leaves and other blessings. Corfu would be a pretty place if it were not for two unsightly spots. One is the Union Hotel and the other is the ruins of Mr. Gidding's old houses. When he moved them last fall he made three new out of five old ones, and the site they once occupied is now a dreadful sight. He forgot to clean up and the ruins of a junk shop cannot be worse to look at than the remnants of a broken down greenhouse. W. S.

ST. LOUIS.

The Market.

The glut is still with us and for the last ten days stock of all kinds has been coming in in large quantities, and the warm weather has injured the quality of the stock quite seriously. Saturday, Dewey day, the stock sold out quite clean, as nearly all florists had something to do, and besides, there has been plenty of funeral work the past week, which helped to clean up some of the white stuff.

Really good selected stock held the same figures as last week; the poorer grades much lower, especially in large lots. Outside of the work for the reception of Admiral Dewey and funeral work, there is not much doing, and complaints of poor business are general. Transient trade is almost monopolized by the fakirs. It has been a long time since prices on carnations, roses and other flowers have been so low. Carnations and roses have suffered most, as more of them have been coming in than the market could consume. Harrisii and callas are down with the rest and are a greater glut than ever before; almost any price will buy them. Violets are all out. Tulips and Dutch hyacinths are coming in from the open ground, but there is very little demand for them. Sweet peas are coming in large quantities and sell fairly well at 25 cents per 100.

Various Items.

The flower beds and lawns at the parks, and especially Forest Park, pre-

sent at this time a most attractive appearance. Young Fred Pape, the superintendent, deserves great praise for the way he handles the work.

Visitors: Mr. Denker of St. Charles, Mo., and Henry Johan of Collinsville. Both report business good with them. Our old friend Phil Hauswirth, of Chicago, is also in town attending the Red Men's meeting at East St. Louis.

Riessen Floral Co. had the honor of furnishing the flowers for the Dewey banquet at the Planters' Hotel. It was quite a large affair and well handled. They also furnished 1,000 roses a day for the anniversary of Mermod-Jaccard Jewelry Co. They report big business all of last week.

A severe wind, rain and hail storm swept our city Saturday night and early Sunday morning, causing considerable damage throughout the city and county. It did little or no damage to glass. The worst damage was done to park and fruit trees. The damage is estimated at \$20,000 to orchards alone.

J. J. B.

OBITUARY.

We regret to have to record the death of Helen, youngest daughter of Mr. and Mrs. J. J. Beneke, of St. Louis, on May 1, aged 12 years and 9 months. She had recovered from an attack of diphtheria, but paralysis of the heart followed and death resulted in spite of every effort made to save the young life.

At the funeral there were floral designs from nearly every florist in St. Louis, and the St. Louis Florists' Club sent a large pillow with "Helen" lettered upon it.

Mr. Beneke has a host of friends in the trade and all are deeply grieved to learn of his affliction. He has requested us to express to his brother florists his appreciation of the kindness they have shown him in his hour of sorrow.

BOSTON.

Floral news is pretty thin, and yet there is much being done. All kinds of flowers are coming in quite plentifully and practically none going to waste. Neither is there so heavy an overflow of them upon the streets as during one or two previous weeks. Back Bay florists begin to complain of a falling off in their business, proving that summer is approaching. Well, the almanac talks that way, too, but the weather does not yet remind us of it.

Prices have been steadier this week, probably because salesmen are discouraged in trying to obtain better. American Beauties, in 3-foot lengths, sell for \$3 or \$4 per dozen; 2-foot at \$2; 1-foot at \$1. Jacks are getting scarce. Meteors in fair supply at from 2 to 12½ cents each; pink, white and yellow, enough at from 1 cent on culls to 12½ cents for a very few extra. Pinks, from 1 to 3 cents; violets getting scarce; but a few very good ones,

and half a dollar a hundred is about the limit on the best now. There has been a flush time on Easter lilies, but now they are not crowding in so fast so that prices have struggled to 6 and 8 cents each. Small white flowers for filling funeral designs plentiful enough at fair prices; smaller bulb goods holding out very well yet. Bedding plants are getting ripe, but the weather is yet a little cool to move them swiftly.

City Forester Doogue is using a heavier appropriation than usual and the amount of work being done upon the common and public garden is simply enormous. It seems he has over 30,000 trees under his charge. Many of them are getting a "shave and a haircut," and much work upon grass land is being done, and there is already a good display of flowers.

The May exhibition of flowers, fruit and vegetables held in Horticultural Hall was very fine and attracted a large crowd of admirers.

An attractive feature of the show was a vase containing a large bouquet composed of blooms of the new rose "Queen of Edgely," originated at the nurseries of the Floral Exchange in Philadelphia.

It is a pink American Beauty. This beautiful flower is a full blood sister of the American Beauty, having the same parentage, the same grace, fragrance and habit of her lovely sister, the only distinction between the two being the color.

There was a good display of vegetables. - B. T.

"FAKE WRITE-UPS."

As reports show that the class of journals (?) mentioned below have begun sending their letters to florists as well as manufacturers, the following report of an association of trade journals, of which the Florists' Review is a member, may be timely:

"At a recent meeting of the Chicago Trade Press Association, an organization whose membership comprises the most influential trade journals in the West, it was determined to take some action to protect manufacturing and mercantile firms from the depredation of the 'fake write-up men.'"

"A number of alleged trade journals, several of them being printed in the Southern States, send out thousands of circular letters to merchants and manufacturers, enclosing proofs of ingeniously prepared write-ups. Each person to whom a letter is directed is led to believe that he has been selected because of the prominence of this firm. The men whom it is sought to victimize are informed that no charge will be made for the printing of this complimentary notice, but that sample copies will be sold at 15 cents per copy, or at 8 cents per copy in thousand lots. These journals have no legitimate standing in the community, and represent nothing except the desire of their managers to extort money from business men. The circular letters are so shrewdly worded and the office of publication is usually so far removed from the persons to whom the letters are sent, that many firms have been victimized. Almost every department of industry is represented by one or more reputable journals, and manufacturers and business men generally are advised to communicate with publishers of whom they have some knowledge, before being led into fake schemes.

"The several papers comprising the membership of the Chicago Trade Press Association have agreed to print this statement with a view of protecting their patrons, and business men generally, from loss through such deception."

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25,000 2½-inch Roses, no finer stock grown. Brides, Perles, Meteors and Maids, \$3.00 per 100. Kaiserin and Golden Gate, \$4.00 per 100. Guaranteed satisfactory in every respect.

Ageratum, Princess Pauline, the only one to grow, \$1.00 per 100. Extra strong, 2½-inch, full of cuttings, \$2.50 per 100.

Smilax, strong seedlings, 50c per 100; \$4.00 per 1000 by mail. Extra strong 2-in., \$1.25 per 100; \$10.00 per 1000.

Vincas. 500 large 4-in. and 5-in. pot plants at \$1.00 per doz., to make room; strong 2½-in., 3c; strong 2-in., 2½c.

Marguerites, New California Giant White, strong, 2-in., \$2.50 per 100. New Golden, same price.

Asters. New Giant Comet (true), lavender, pink and white and pure white, strong 2-in., 2c.

Cash with order.

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3-year-old fine stock. 2½ to 3 ft., out of 5-inch pots, \$3 per doz., \$20 per 100. 50 at 100 rate.

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ROWEHL & GRANZ, Hicksville, L. I., N. Y.

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ORANGE, N. J.

A very flattering audience, considering the busy season with the cultivators, gathered at the monthly meeting of the New Jersey Floricultural Society, on Wednesday, May 2, in the society's rooms, in Orange, to listen to the veteran horticulturist and pomologist, Dr. J. B. Ward, of Lyons Farms, who delivered an instructive and scientific address on the culture of the strawberry. The doctor touched successively upon preparation, planting, varieties, treatment after fruiting, manuring, mulching, etc., and much interesting matter was brought out in the discussion which followed. In connection with forcing, President Peter Duff was called upon, Dr. Ward preferring to listen to one who has had more experience on this particular point.

The committee upon the free distribution of chrysanthemum plants to the school children reported encouragingly. Additional offers of plants were received from George Smith, Popken & Collins and C. W. Ward, of Queens, N. Y. Much interest is being shown in the scheme by the school teachers and pupils. The distribution will take place in two weeks.

Schedules of the Rose Society were presented to members. J. B. D.

CHATTANOOGA, TENN.—On May 8 we had our great flower parade and spring festival, which was a most attractive affair and brought crowds of visitors to the city.



New Climbing Moss Rose "Cumberland Belle."

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Cumberland Belle....

A true climbing Moss Rose. A sport from Princess Adelaide, its-lf a strong, vigorous grower, which is wonderfully developed in its offspring, the original sport the first season having developed a growth of over fifteen feet with one hundred and eighteen buds and flowers on it at one time. We offer strong 2½-inch pots, \$2.00 per doz., \$15.00 per 100.

We can still supply the

Grand New Forcing Rose Liberty

Own Root Plants, 2½-inch pots:

12 for 60 cents each	50 for 30 cents each
25 " 50 "	100 " 25 "

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Ship Fresh Roses Direct from Greenhouses to Retailers. Carefully graded. Prices Right. Try us.

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S. S. SKIDELSKY,
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Is a book of 224 large pages (same size as those of the Florists' Review), and contains about 200 articles on commercial plants and cultural operations, each giving "the meat" only, from the personal experience of a thoroughly practical man who is in daily touch with each department of the business and who has that rare quality of being able to tell others what they want to know. The articles are arranged alphabetically, like those in an encyclopedia, and in an instant one can turn to the subject upon which light is desired at the moment. The book is illustrated by over 200 fine half-tone engravings. It is

A Complete Reference Book for Commercial Florists

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PHILADELPHIA.

At the Florists' Club meeting of May 1, Wm. Craig, in the absence of his father, read a paper on "Experience Gained by Easter Trade of 1900." It was an interesting subject and well gotten up. Too bad that there was not a larger attendance.

At the above meeting Henry F. Michell said that he recently had an interview with a grower of lilies from Bermuda, who reports the outlook for healthy stock much better than for the past few years. This industry having had such a setback the past few years, some extreme measures had to be taken. On the appeal of the lily growers, the English government sent specialists to study the disease. Now not more than 5 per cent of the crop shows any signs of the trouble. A grower found with diseased bulbs is compelled to destroy them. The Bermuda growers are investigating the soils, climate, etc., of Puerto Rico, with the view of planting lilies there.

Notes.

P. Alberger, East Ridge avenue and Huntington street, reports a rushing business in bedding out and filling vases. They are about to pull down the old houses and replace them with new ones.

W. L. Schaeffer, 223 North Sixteenth street, has been very busy the past week with funeral work. He has also a big lot of garden work on hand.

A great many growers of bedding stock in this vicinity are already sold out.

Prices: Beauties, \$1 to \$3; Kaiserins, Brides, Maids, Meteors, Golden Gates, Morgans, \$5 to \$6; Liberty, \$8 to \$10; Perles, \$3 to \$5; carnations, ordinary \$1 to \$1.50 per 100, fancy \$2 to \$2.50; callas and Harrisii, \$8 to \$10; valley, \$2 to \$4; daisies, \$1 to \$1.50; mignonette, \$2 to \$3; sweet peas, 75 cents to \$1 per 100; adiantums, \$1; asparagus, 50 cents; smilax, 20 cents.

We had for our visitors the past week D. Hammond Mish, Lebanon, Pa.; Alexander Meade, Norwich, Conn.; Jos. Pennypacker, Phoenixville, Pa.

INDIANAPOLIS. — Garfield Park is now receiving bids for four greenhouses 20x100.

FARMER CITY, ILL.—John McDonald has disposed of a half interest in his greenhouse property to George D. Barnes, of near Parnell, and the latter's son-in-law, Otto McConkey, will have a hand in running the greenhouses.

PITTSBURG CUT FLOWER CO., Ltd. WHOLESALE FLORISTS.

Long Distance
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Write for Price List.

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Cabbage! Cabbage!

10 acres of plants now ready. Leading varieties. \$1.00 per 1000; \$3.50 per 10,000.

LETTUCE, Boston Market, Tennis Ball, Curled Simpson, Grand Rapids and other varieties, 15c per 100; \$1.00 per 1000; \$3.50 per 10,000, if by mail, add 10c per 100.

TOMATO, small plants for transplanting, in several varieties, 15 cts. per 100; \$1.00 per 1000.

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Other Vegetable plants in season. Cash with order.

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Trade List now ready.

Each of the Following:

DAHLIAS. Whole roots, fine assortment at \$60.00 per M.

WICHURAIANA ROSES. 1 and 2 years. \$30.00 and \$75.00 per M.

ROSA MULTIFLORA JAPONICA. 2 and 3 yrs., \$50 and \$75 per M.

ROSA RUGOSA. 3 to 4 feet, at \$250.00 per M.

HALL'S HONEYSUCKLE. Strong. \$50.00 per M.

CLEMATIS PANICULATA. Pot grown, \$60.00 per M.

Clematis Paniculata. 2 yrs. field grown, \$80.00 per M.

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Open Every Morning at 8 o'clock for the sale of CUT FLOWERS.

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HARDY HERBACEOUS PLANTS ONLY.

In any quantity for the least money.

STAMFORD, CONN.

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WASHINGTON.

Business since Easter has been good with everyone; but with warm weather, stock of all kinds has deteriorated in quality. Beauties are selling at 25 to 50 cents; Kaiserins, 10 to 12½ cents; Brides and Maids at 4 and 6 cents; La France and Gates at 6 and 8 cents. Carnations, 1 to 2 cents; mignonette, 1 cent; peas, 1 cent; gladiolus, 8 cents; smilax, 20 cents.

On account of the warm, dry spell some of our growers are backward in planting out-of-door stock. Young carnation stock in general seems to be better this season than last. Bedding plants seem to go a little slow for this season of the year.

F. H. KRAMER.

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Good Stock

	Per 100
5000 Geraniums, named, our selection, 4-in.	\$8.00
4000 Obconica 4 in.	6.00
5000 Alternanthera, large leaved, pink, 2½-in.	2.00
1000 California Moss, 2½-in.	1.50
500 Mums Mme. Des Granges, 2½-in.	2.00
2000 Fuchsias, choice mixed, 2½-in.	2.00
500 Variegated Vinca, trailing, 7-in.	20.00
1000 Hydrangeas, Dr. Hogg, 5-in.	15.00
2000 Flowering Begonias, our selection.	1.50
5000 Double Petunias, mixed, 4-in.	6.00
1000 True Maidenhair Ferns, 2½-in.	4.00
500 Dracaenas, red, 6-in.	15.00

The Morris Floral Co. MORRIS, ILL.

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Extra Strong METEOR ROSE PLANTS 2½-in. Pots, Now Ready.

Surplus stock from plants reserved for our planting, at the low price

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Address **THE FLORAL EXCHANGE, Inc.**

Edgely, Bucks Co., Pa.

The home of the famous new Rose.

"The Queen of Edgely," PINK AMERICAN BEAUTY....

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Chinese Primrose Seed.

The finest large flowering fringed varieties grown. Not to be compared to cheap imported seed. Special Florists' Packet of 13 varieties, single and double, 500 seeds, \$1.00.

PRIMULA OBCONICA GRAND. ROSEA. The finest of the improved Obconicas, 1000 seeds, 50 cents.

CINERARIA SEED of finest large flowering dwarf varieties in best mixture, 1000 seeds, 50 cents.

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Abutilon	Astilbe japonica	Croton	Grasses	Maurandya	Roses
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Acalypha	Balsam	Cyclamen	Grevillea robusta	Mignonette	Santolina
Acanthophaenix	Bay Trees	Cytisus	Hardy Perennials	Mimulus	Sedum
Acer japonicum	Bedding Plants	Dahlia	Hardy Shrubs	Moon Flower	Seed Sowing
Achillea	Begonia	De orations	Heating	Mulching	Selaginella
Achimenes	Bellis	Decorative Pl'ts	Hedera (Ivy)	Musa	Shading
Acrophyllu n	Bottom Heat	Deutzia	Hedge Plants	Myosotis	Skimmia japon'a
Adiantum	Bougainvillea	Dianthus	Heliotrope	Nepenthes	Smilax
Agapanthus	Bouvardia	Dracaena	Hibiscus	Nierembergia	Soils
Agave	Bromeliads	Drainage	Hollyhock	Oleander	Solanum
Ageratum	Browallia	Easter Plants	Hotbeds	Orchids	Stephanotis
Altamanda	Buibs	Epacris	Hoya	Othonna	Stevia
Alocasia	Caladium	Erica	Hydrangea	Oxalis	Stocks
Aloysia	Calamus	Eriostemon	Impatiens	Packing Flowers	Store Manage'mt
Alternanthera	Ca'ceolaria	Eucharis	Insecticides	Packing Plants	Swainsena
Amaranthus	Camellia	Eupatorium	Iresine	Paonia	Sweet Peas
Amaryllis	Canna	Euphorbia	Jasmi um	Palms	System
Ampelopsis	Carludovica	Ferns	Kalmia	Pandanus	Thunbergia
Ananas	Carnation	Fertilizers	Koeniga	Panicum var.	Torenia
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Araucarias	Cobea	Gardenia	Linum trigynum	Pinks	Verbena
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Aristolochia	Coleus	Gladiolus	Lysimachia	Potting	Violet
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FLORISTS' PUBLISHING CO.....Caxton Building.....CHICAGO.

BANGOR, ME.

Funeral work has kept Adam Sekenger very busy since Easter, which was the best on record. The dull weather prevailing makes flowers scarce.

Walter Mott arrived on the 5th in a snow storm and said it made him pine for his sunny home at Riverton. We hope for bright weather very soon, when planting will be rushed.

Carl Beers has struck upon a novel plan in holding weekly auction sales, well advertised. I cannot state whether or not the plan is a success.

F. H. Moses is making preparations to open his store at Bar Harbor and anticipates a flourishing season.

Wm. Miller, superintendent of the Mount Desert Nurseries, thinks the Paris Exposition will be a strong counter attraction. Next year he hopes to take in the Pan-American. He could make a fine display at Buffalo of pines alone, of which he has a complete collection.

J. E. Killen, of New York, was a recent caller and gave an interesting talk on the lily disease, chiefly the cause. The effect we are acquainted with. He sees a remedy in sight, which he will impart later on. The lily problem is an all important one with the craft, the consensus of opinion being that Japanese stock is the purest and best to force, but as the time of receipt cannot be depended upon, Harrisii will yet be forced in some numbers. Those who kept the bulbs growing from the start have been the most successful.

LOUISVILLE, KY.

Business is still very good, there being plenty of funeral work. Flowers of all kinds are plentiful. Some very good lilies are to be seen yet, but roses are getting small and are badly mildewed. Some very fine carnations are coming in, such as Triumph and Bratt, which are of fine quality. The florists are through planting their carnations out in the field.

Jacob Schultz will rebuild several houses this coming summer. Joseph Coenen & Co. report trade very good and Wood & Stubbs, seedsmen, are still very busy filling orders for seeds and bulbs. E. G. Reimers reports his Easter trade the best in years. Hy Fuchs is cutting some very fine carnations and has lots of funeral work. William Walker has some very fine Kaiserin roses just coming in. C. H. Kunzman is building a new carnation house. C. W. Reimers' place is in fine shape at the present time. Wm. Mann is still up to his ears in business—funeral work, lots of it.

Some very fine beds of tulips are to be seen in Cave Hill cemetery this season and also some very fine beds of tulips in St. Louis cemetery.

HY LICHTFELD.

COATESVILLE, PA.—James Brown has lately added a mushroom house. His plant houses are in fine shape.

VINCAS and LEMON VERBENAS. Fine Stock

	Per 100		Per 100		Per 100
Alternanthera, red and yellow, \$5.00 per 1000.....	\$.60	Forget-Me-Not (Winter Flowering).....	\$3.00	Geraniums, Bronze.....	\$2.00
Achyranthus.....	1.00	Fuchsia, assorted.....	1.50	Mme. Bruant.....	2.50
Anthemis Coronaria (Dbl. Yellow Marguerite).....	2.00	" Sun Ray, variegated.....	4.00	German Ivy.....	1.25
Ageratum, blue and white.....	1.00	" Trailing Queen.....	1.50	Heliotrope (purple & white).....	1.25
" Princess Pauline.....	1.25	Geraniums, named.....	2.00	Impatiens Sultan.....	2.00
Alyssum (Double Giant).....	1.00	Mixed.....	1.50	Lemon Verbena.....	1.50
Begonia, Erfordii, Rex, Inc. Gigantia.....	2.00	Mrs. Parker (Dble. Pink Silver Leaf).....	4.00	Lantana, Trailing.....	2.00
Coleus, fancy and large leaf.....	1.00	Silver Leaf and Rose Scutd.....	1.50	Lobelia.....	1.00
Coleus, mix. col., \$5 per 1000.....	.60	Mme. Salleron.....	1.25	Manettia, bicolor.....	2.00
Verschaffeltii, yellow and selected kinds, \$7 pr 1000.....	.80	Double New Life.....	4.00	Salvia.....	1.25
		Mars and Freak of Nature.....	3.00	Stevia Var.....	1.50
		Mrs. Pollock and Happy Thought.....	2.00	Tradescantia (tricolor).....	2.00
				Vinca Var., extra strong.....	1.50
				Verbena, \$7.00 per 1000.....	.75

PLANTS

	Per 100		Per 100		Per 100
Alternanthera, 2½-in.....	\$2.50	Fuchsia, 2½-in.....	\$4.00	Single Petunias, 2½-in.....	\$3.00
Anthericum, 3-in.....	6.00	Geraniums, Mars, excellent plants.....	8.00	3-in.....	5.00
Abutilon Var., trail'g, 2½-in.....	4.00	S. A. Nutt, 2½-in.....	6.00	Palm, Washingtonia filefera, 2½-in.....	4.00
Begonia, Rex, assort., 2½-in.....	4.00	3-in.....	8.00	Pansy Plants, \$8.00 per 1000.....	1.00
" named, 6-in.....	10.00	La Favorite, 3-in.....	6.00	" " bud and bloom.....	2.00
" 4 in.....	10.00	Silver Leaf, 2½-in.....	4.00	Vinca, 2½-in., \$3.00; 3-in.....	6.00
Coleus, 2½-in.....	3.00	Ivy Geraniums, 2½-in.....	4.00	3½-in., \$3.00; 4-in.....	10.00
Dracaena Ind., ex. fine, 3-in.....	10.00	Lemon Verbena.....	\$3, \$4, 6.00	5-in.....	15.00
3½-in., \$15.00; 4-in.....	25.00	Mignonette, 2-in.....	2.00	Salvia, 2½-in., \$3.00; 3½-in.....	6.00
5-in., \$35.00 to.....	50.00	Manettia bicolor, 2½-in.....	4.00		
Forget-Me-Not (Winter Flowering), 2½-in.....	4.00				

Terms Cash or C. O. D.

GREENE & UNDERHILL, Watertown, N. Y.

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FRESHLY IMPORTED ORCHIDS!!

We beg to announce that after three years of futile efforts, we have at last succeeded in collecting a grand lot of

Cattleya Percivalliana

plants, which we now beg to offer.

This beautiful cattleya has been up to the present the "missing link" in the chain of a continuous flowering season of cattleyas the year round. Cattleya Percivalliana ONLY will fill the gap left blank between Cattleya labiata and Cattleya Trianae, and will prove itself to be a welcome acquisition and an ideal Christmas Cattleya. Also the following, just arrived:

FINE PLANTS, WELL LEAVED AND FREE FROM ALL DISEASE.
 Cattleya Mendelii, in good condition,
 Cattleya Citrina, Cattleya Mossiae,
 Laelia Majalis, L. Anceps, L. Autumnalis,
 Epidendrum Vittellinum Majus,
 Oncidium Tigrinum,
 Odontoglossum Rossi Majus,
 Dendrobium Phalaenopsis Schroederianum, D.
 Formosum giganteum, D. Wardianum,
 Vanda Coerulea.

Due shortly:—Laelia Anceps Alba and Oncidium Varicosum Rogersii.

Lager & Hurrell's ORCHID RENOVATOR, specially prepared by us, guaranteed to restore to health and vigor any kind of Orchid in a run-down condition. Instructions how to use it will be furnished with each order.
 Price, \$10.00 per 100 lbs.

LAGER & HURRELL, ORCHID GROWERS AND IMPORTERS, SUMMIT, N. J.
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Offers to the Trade....

PEKIN, ILL.

35,000 Young Rose Plants, No. 1 stock of following varieties: Am. Beauties, Perles, Woottons, Maids, Brides, Meteors, Belle Selbrecht, Golden Gate, etc., etc. We believe in shifting young roses often. All stock offered in 2½-in. pots has been shifted from 2-in., and is equal to most stock advertised as 3-in., and when we send it out is well established. Send 50 cents or \$1.00 for sample of what you want.

GERANIUMS. We have 10,000 to 15,000 best bedders in Red, White, Pink and Salmon.

PETUNIAS. A fine lot in 4-inch pots.

CANNAS. Six varieties, in quantities.

COLEUS. Rooted cuttings and 2 inch of Golden Bedder, Yellow Queen, Verschaffeltii and mixed.

SALVIAS and HELIOTROPE in 4-in. pots

HANGING BASKETS of Sprenger and Boston Ferns.

...Write GEO. A. KUHL, PEKIN, ILL.

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WE ARE HEADQUARTERS—Extra large package of fresh spores, sufficient for 3000 plants, with full cultural directions, postpaid for \$1.00. Collection of 12 distinct varieties, each separate, \$5.00.

EMERSON C. McFADDEN, - U. S. Exotic Nurseries, - SHORT HILLS, N. J.
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300,000 VERBENAS....

60 finest named varieties, including our new mammoth white, Mrs. McKinley, the finest white Verbena grown.

PERFECTLY HEALTHY. FREE FROM RUST.

Rooted Cuttings 6-c per 100, \$5.00 per 1000.

Plants \$2.50 per 100, \$20.00 per 1000.

Our list is the choice from millions of seedlings.

Send for list. **J. L. DILLON,** Bloomsburg, Pa.

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XX SHEEP MANURE

I have now on hand the cleanest and purest Sheep Manure that can be bought in the market. For reference I refer you to Henry F. Michell, 1018 Market Street, Philadelphia, Pa.

Also a large quantity of Hard Wood Ashes for sale by the bbl., ton or car load. Send for samples and price list.

J. L. ELLIOTT,

625 Canal Street, Bethlehem, Pa.
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Genevieve Lord The Peer of All Light Pink Carnations.

Speaking from a dollar and cent standpoint the above is literally true. There may be some larger, but when put to the test of an exacting commercial fire, none will stand the test and bring in the returns like Genevieve Lord. Its color is the kind that sells at sight. Stem the best of any carnation. A perfect, non-bursting calyx. Beautiful distinct form. In fact it has nearly everything that is wanted in a pink carnation. Customers recognize it at a glance, describing it as "that beautiful pink on the long stem."

Prompt delivery after April 10th. Stock all sold prior to that date.

PRICES: Doz., \$2.00; 100, \$10.00; 1000, \$75.00

Catalogue free to all applicants, containing complete description of the above as well as all the big new ones, at introducers' prices; the best of last year's novelties and standard sorts, also a fine stock of new and standard sorts of chrysanthemums.

H. WEBER & SONS, - - OAKLAND, MD.

Mention The Review when you write.

Carnations

STRONG
WELL-ROOTED CUTTINGS.
SELECT STOCK.

	Per 100	Per 1000
G. H. Crane.....	\$6.00	\$50.00
Morning Glory.....	6.00	50.00
Gen. Maceo.....	6.00	50.00
Glacier.....	6.00	50.00
America.....	5.00	40.00
Gomez.....	5.00	40.00
Mrs. Geo. M. Bradt.....	5.00	40.00
White Cloud.....	4.00	30.00
Mary Wood.....	3.00	25.00
Mrs. F. Joost.....	3.00	25.00

AND OTHER STANDARD SORTS.

F. DORNER & SONS CO.,
LA FAYETTE, IND.

Mention The Review when you write.

Extra Strong Plants of Joost, from Soil.

\$15 and \$20 per 1000, according to size.

Chicago Carnation Co., Joliet, Ill.

Mention The Review when you write.

BROWALLIA GIGANTEA,

2½-inch pots, \$1.00 per 100.

IVORY CHRYSANTHEMUM,

2½-in., strong plants, \$2.00 per 100, \$17.50 per 1000.

Mars Geranium, best standard for borders,
\$1.00 per 100, \$35.00 per 1000.

Cash please. HENRY EICHHOLZ, Waynesboro, Pa.

Mention The Review when you write.

IMPORTANT.

Before ordering any goods anywhere
send in your list of wants for
lowest **GUARANTEED** prices.

F. W. O. SCHMITZ, Jersey City, N. J.

Mention The Review when you write.

COLEUS.

ROOTED CUTTINGS.

Verschaafftil, Golden
Queen; assorted kinds,
usual prices. L. H. FOSTER, 45 King
Street, Dorchester, Mass.

Mention The Review when you write.

NEW CARNATIONS.

We are now ready to receive
orders for strong rooted
CUTTINGS.....

GEN. MACEO..... } \$1 per doz., \$6 per
G. H. CRANE..... } 100, \$50 per 1000.
GLACIER..... }
MORNING GLORY..... }

GEN. GOMEZ..... } 75c per doz., \$5 per
MRS. G. M. BRADT } 100, \$40 per 1000.

WHITE CLOUD..... } 50c per doz., \$4 per
GOLD NUGGET..... } 100, \$30 per 1000.

25 at 100 rate. 250 at 1000 rate.

We have Fine Large Stocks and will deliver only
Fine, Strong, Well-Rooted Cuttings.

THE COTTAGE GARDENS, - QUEENS, N. Y.

Mention The Review when you write.

..ETHEL CROCKER..

30,000 Plants from soil for April and May delivery

Crocker has filled every claim made for it and is
worth a trial by every grower who wants the Best
Pink Carnation in the market. 25 for \$2.50;
100 for \$10; 250 for \$18.75; 1000 for \$75.

PANSIES

Freya and Fairy Queen.

Two good bedding novelties. Transplanted
seedlings at \$1.00 per 100.

A few of my regular strain. Write for prices.

DWARF PETUNIA.

Adonis, carmine with pure white throat, and
Snowball, a pure white. They are always in bloom
and a good plant for retail 25 of each for \$1.00,
or \$2.00 per 100 from 2-inch pots.

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Carnation Plants.

Large stock of plants from Soil
Ready for the Field.

Write for prices on what you want.

GEO. HANCOCK & SON, Grand Haven, Mich.

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Mammoth Verbenas

Mammoth Verbenas, 2-in., in bud \$1.00 per 100;
in bloom, \$1.50 per 100. Heliotrope rooted cuttings,
dark blue, \$1.00 per 100. Lobelia in bloom or
without, 3-in., \$1.00 per 100. Begonia Vernon, \$1.50
per 100. Ageratum, blue, 3-in., in bud, \$1.00 per 100.
Write for prices on larger quantities. Satisfaction
guaranteed. Send for sample.

SAMUEL WHITTON, 15-17 Gray Ave., UTICA, N. Y.

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Fine Stocky Plants

Per 100
Alternantheras, yellow, \$1.50 per 100; red..... \$1.75
Oxalis floribunda, fine for vases..... 1.50
Coleus, 2 and 2½-in. pots, good assortment .. 2.00

Geraniums, 12 var., fine plants, 2½-in. pots.. 2.75
3 .. 3.75

Centaurea Gymnocarpa, 2-in. pots..... 2.00
Asparagus Sprengeri, May 15th..... 3.50
Asparagus Plumosus Nanus, June 1st..... 4.00
Smilax, 2-in. pots, May 15th, per 1000, \$8.00... 1.00
Primulas, 5 varieties, July 1st..... 2.00

CASH PLEASE.

JOS. H. CUNNINGHAM,
DELAWARE, OHIO.

Mention The Review when you write.

Violets. Now is the time to buy rooted cut-
tings. At stock, free from disease.
Marie Louise, Farquhar, Lady Camp-
bell, Swanley White and Princess of Wales.

1000 S. A. Nutt Geraniums, R. C., for \$17.50.

Carnations, ready to plant out. Daybreak,
White Cloud, New York, Melba,
Jubilee, Mrs. James Dean, Genesee, etc.
Write for catalogue.

CRABB & HUNTER, Grand Rapids, Mich.

Mention The Review when you write.

Variegated Vincas,

strong plants twice
transplanted ready
for 3-in. pots, \$2.50
per 100. RUDBECKIA, fine strong plants, 3-in.,
\$3.00 per 100. FORGET-ME-NOT, winter flower-
ing, 2½ in. and 2½-in., \$2.00 per 100. DOUBLE
ALYSSUM, White Paris Daisy and Ageratum,
white and blue, from flats, \$1.50 per 100.

Cash with order please.

Charles S. Dutton, 85 W. Holland, Mich.
12th St.

Mention The Review when you write.

CLASSIFIED PLANT ADVERTISEMENTS.

Rate for advertisements under this head, 10 cents a line net, per insertion. New advs. and changes must reach us by Wednesday morning at latest to secure proper classification in issue of Thursday.

ABUTILON.

Abutilon, var., trailing, 2½-in., \$4.00 per 100.
Greene & Underhill, Watertown, N. Y.
Six sorts, doz., 40c; 100, \$2.50.
Good & Reese Co., Springfield, O.

ACHYRANTHES.

Achyranthes, rooted cuttings, \$1.00 per 100.
Greene & Underhill, Watertown, N. Y.
Achyranthes, 2½ cts. Cash please.
A. J. Baldwin, Newark, O.
Send in your order now for a copy of the Florists' Manual.

AGERATUM.

White and blue from flats, \$1.50 per 100. Cash.
Chas. S. Dutton, 85 W. 12th St., Holland, Mich.
R. C., blue and white, \$1.00 per 100; Princess Pauline, \$1.25 per 100.
Greene & Underhill, Watertown, N. Y.
Ageratum Princess Pauline, the only one to grow. Extra strong, 2½-in., \$2.50 per 100.
South Side Floral Co., Springfield, Ill.
Ageratum, blue, 3-in., in bud, \$4.00 per 100.
S. Whitton, 15-17 Gray Ave., Utica, N. Y.

ALTERNANTHERA.

1000 Alternanthera Paronychioides Major, red; 1000 yellow, from flats, struck last September. They are strong, healthy plants, 75c per 100. Cash with order. J. F. Brown, Florist, Lock Box 5, Knightstown, Ind.
Alternantheras, 6 finest varieties, in good color, fine young stock, 50c per 100. Large, strong plants, from flats, fall cuttings, fine condition, \$1.00 per 100.
Frank Banning, Florist, Kinsman, Ohio.
Alternantheras, rooted cuttings, red and yellow, 60c per 100; \$5.00 per 1000; 2½-in., \$2.50 per 100. Greene & Underhill, Watertown, N. Y.
Alternantheras, R. Nana, A. Nana, P. Major, 2½ cts; R. C., 60 cts per 100; \$5.00 per 1000. Cash please. A. J. Baldwin, Newark, O.
Alternanthera aurea nana, rooted cuttings, 60c per 100; \$5.00 per 1000, prepaid. Cash with order. G. W. Weatherby, Chillicothe, Mo.
Alternantheras, fine, stocky plants, yellow, \$1.50; red, \$1.75 per 100. Cash please.
Jos. H. Cunningham, Delaware, O.
5000 alternantheras, large leaved, pink, 2½-in., \$2.00 per 100.
Morris Floral Co., Morris, Ill.
Alternantheras, red and yellow, 50c per 100; \$4.00 per 1000. C. Otto Schwabe, Jenkintown, Pa.
Red and yellow, \$3 per 100; \$25 per 1000.
Jno. G. Heini & Son, Terre Haute, Ind.

ALYSSUM.

1000 Alyssum, Giant Double White, \$1.00 per 100. Cash.
Mrs. E. A. Sprague, Box 124, Holly, N. Y.
Double Alyssum, from flats, \$1.50 per 100.
Chas. S. Dutton, 85 W. 12th St., Holland, Mich.
Alyssum, dwarf and giant, 2½-in., \$2.00 a 100. Cash with order.
J. Ambacher, Long Branch, N. J.
Double giant, \$1.00 per 100.
Greene & Underhill, Watertown, N. Y.

ANTHERICUM.

3-in., \$6.00 per 100.
Greene & Underhill, Watertown, N. Y.

AQUATIC PLANTS.

American Lotus, \$2.50; Egyptian Lotus, \$3.00; Japan Lotus, \$6.00 per doz. Pink, white and yellow hardy Nymphaeas, \$3.00 per doz. Geo. B. Moulder, Lily Park, Smith's Grove, Ky.
We are headquarters for water lilies and aquatic plants of all kinds.
Henry Dreer, 714 Chestnut St., Phila., Pa.

ARAUCARIAS.

Araucaria excelsa, 2½-in. pots, 2 to 3 tiers, \$16.00 per 100; 3-in. pots, 6 to 8 in., 3 tiers, \$20.00 per 100. F. Ludemann, Pacific Nursery, San Francisco, Cal.

ASPARAGUS.

Sprenger, 2½-inch, extra strong, \$5.00 per 100; 3-inch, extra strong, \$7.00 per 100; 4-inch, very fine, \$1.75 per doz.; 5-inch, very fine, \$2.50 per doz. Our Sprenger are extra heavy stock with sprays a foot or more in length and should not be compared with young stock usually sent out.
The Calla Greenhouses, Calla, O.

Asparagus Sprenger, strong field-grown clumps of all sizes at low figures. Asparagus plumosus nanus, strong bushy plants from 2½-in. pots, \$4.00 per 100.
B. H. Ritter, Port Royal, S. C.

A small lot of Asparagus Sprenger seed, 50c per 100; \$4.00 per 1000. H. H. Berger & Co., 47 Barclay St., New York.

Asparagus Sprenger, May 15, \$3.50 per 100. A plumosus nanus, June 1, \$4.00 per 100. Cash.
Jos. H. Cunningham, Delaware, Ohio.

Sprenger, doz., 40c; 100, \$2.50. Plumosus nanus, doz., 50c; 100, \$4.00.
Good & Reese Co., Springfield, O.

Sprenger, 2½-in., \$3.50 per 100; \$30.00 per 1000.
John A. Doyle Co., Springfield, O.

Asparagus Sprenger for hanging baskets. Write Geo. A. Kuhl, Pekin, Ill.

Plumosus, fine, 5-in. pots, \$4 per doz.
Jno. G. Heini & Son, Terre Haute, Ind.

ASTERS.

Asters, in pots, \$1.00 per 100. Victoria and Truffauts, mixed; Semple's, 5 colors; Giant Comets, 4 colors.
J. B. Shurtleff, Jr., Revere, Mass.

Asters, new giant comet, lavender, pink and white and pure white, strong 2-in., 2c.
South Side Floral Co., Springfield, Ill.

AZALEAS.

Azalea Amoena, one of the choicest hardy, dwarf shrubs. Rooted cuttings, \$4.00 per 100 by mail; \$25.00 per 1000. From thumb pots, \$5.00 per 100; 3½-in. pots, \$12.00 per 100. Samuel C. Moon, Morrisville, Bucks Co., Pa.

BASKET AND VASE PLANTS.

Double Nasturtium. A very striking, double flowering, trailing plant, especially adapted for vases, window boxes, hanging baskets, rustic boxes, rock work; any place where trailing plants can be used it is indispensable. A free and vigorous grower, and continues to bloom the entire summer; the flowers are 3 inches or more in diameter, and are perfectly double; of a bright yellow, with a rich crimson feathered blotch at the base of each petal. The lovely shade of yellow gives them a charm that few flowers possess, and for cut-flowers, where yellow is wanted, they have no equal. Strong plants, from 2½-in. pots, \$4.00 per 100; \$35.00 per 1000.
Chas. Limmer, Cobleskill, N. Y.

Maurandya Vine, rosea and alba, just what you want for baskets and vases, 3 cts. Trailing Lantana, 2½ cts. Gnaphalium, fine for baskets, etc., 2½ cts. Vinca Major, white leaf, 2½-in., 2½ cts. Tradescantia, Multicolor and Giant Sweet Alyssum, 2 cts; R. C., 75 cts a 100. Cash please.
A. J. Baldwin, Newark, Ohio.

Solanum jasmin. alba, large plants in bud and bloom, 75c per doz. Smaller plants, 2½-in. pots, \$1.50 per 100. Blooms all summer; no finer vine for vases.
Orange Floral Co., West Orange, N. J.

Russelia elegantissima. Grand new graceful basket or vase plant, rapid grower, always in bloom. Strong 2½-in. pot plants, 75c per doz.; \$4.50 per 100.
The Calla Greenhouses, Calla, Ohio.

BEGONIAS.

New Double Begonia (Begonia Semperflorens). Largest stock in the country. Boule de Neige (white), Gloire du Montet (dark pink), Nancy (light pink), Triomphe de Lorraine (crimson). Good, strong plants. Good house plants. Good bedder. 4 plants, \$1.00; 100 plants, \$20.00. 25 plants at 100 rate. Walter H. Murdock, 49 Grigg St., Cambridge, Mass.

Begonias, rooted cuttings, Erfordii, Rex, Inc. giganta, \$2.00 per 100. Rex, assort., 2½-in., \$4.00; named, 2½-in., \$6.00; 4-in., \$10.00 per 100. Extra fine Rex in 3½ and 4-in., \$10.00 and \$15.00 per 100.
Greene & Underhill, Watertown, N. Y.

Begonia Semper florens gigantea, strong plants, 3-inch, \$8.00 per 100. Begonia Thurstonii, metallica and Haageana, 3-inch, \$6.00 per 100. Cash please.
Chas. Zimmer, West Collingswood, N. J.

Begonia Rex, fine young stock, many distinct varieties, \$4.00 per 100. Write for special prices on 500 or 1000 lots.
G. R. Gause, Richmond, Ind.

Begonia Rex and manicata aurea, \$5.00 per 100. Storrs & Harrison Co., Box A, Painesville, O.

500 fine seedling Vernon begonia, \$1.50 per 100. Cash.
Mrs. E. A. Sprague, Box 124, Holly, N. Y.

Begonia Vernon, transplanted stock ready for 3-in. pots, 60c per 100.
Orange Floral Co., West Orange, N. J.

Begonias, fl. var., 2½-in., \$2.00 per 100. Cash or C. O. D. C. G. Nanz, Owensboro, Ky.

2000 flowering begonias, our selection, \$1.50 per 100.
Morris Floral Co., Morris, Ill.

Begonia Vernon, \$1.50 per 100.
Samuel Whitton, 15-17 Gray av., Utica, N. Y.

BROWALLIA.

Browallia gigantea, 2½-in., \$3.00 per 100. Cash.
H. Eichholz, Waynesboro, Pa.

BULBS.

Just received. Fine stock of the following bulbs:

	Per Dozen.	Per 100.
Caladium Esculentum, 5 to 7-in. cir.	.50	\$3.00
Caladium Esculentum, 7 to 9-in. cir.	.75	4.50
Caladium Esculentum, 9 to 12-in. cir.	1.15	8.00
Caladium Esculentum, 12-in. and up.	2.00	15.00

100, 1000.
Tuberoses, Excelsior Pearl, 1st class, \$1.00 \$7.50
Tuberoses, Excelsior Pearl, medium, .75 5.00

Send us your orders now. We also have complete stocks of Gladiolus, Cannas, Lilies, and all spring bulbs.
McKellar & Winterson, 45-47-49 Wabash Ave., Chicago.

Florists and Seedsmen. It will pay you well to send me list of your wants and get my prices before placing your orders for Dutch Bulbs for delivery in the early autumn. Hyacinths, Narcissus, Crocus, Tulips, Freesias, Spireas, etc., etc. All bulbs carefully grown and guaranteed first-class and true. No auction stuff or trash. Correspondence solicited. George E. Dickinson, 1 Broadway, New York, N. Y. Also French Crab Apple Seed and Nursery and Fruit Stocks of every description.

Tuberoses Dwarf Pearl. No. 1 bulbs, per 100, \$1.00; per 1000, \$7.50. Caladium Esculentum. Fine bulbs, solid and firm. 5 to 7 inches in circumference, doz., 45 cents, 100, \$3.00; 6 to 8 inches, doz., 50 cents, 100, \$3.50; 7 to 9 inches, doz., 65 cents, 100, \$4.50; 9 to 12 inches, doz., \$1.15, 100, \$8.00. Mammoth bulbs, 12 inches and up, doz., \$2.25, 100, \$16.00. W. W. Barnard & Co., 161-163 Kinzie St., Chicago.

Caladium Esculentum, 5-in. and over, at \$2.15 per 100; \$20.00 per 1000. Double Excelsior Pearl Tuberoses, 4 to 6-in., at \$6.25 per 1000. Gladiolus, American Hybrid mixed, strictly first size, 75 cts. per 100; \$7.00 per 1000. D. Landreth & Sons, 1001 Market St., Philadelphia, Pa.

PLEASE MENTION THE REVIEW WHEN WRITING ANY OF THESE ADVERTISERS.

A bargain in surplus bulbs. *Caladium Esculentum*. Small size, per 100, \$1.25; medium size, per 100, \$2.00; extra large size, per 100, \$4.00. Tuberose bulbs, *Excelair Dwarf Pearl*, A No. 1 stock, 75c per 100; per 1000, \$6.00. Geo. L. Miller, Newark, O.

Send for our quotations on Roman hyacinths, *Liliums Harrisii* and *Longiflorum*, etc., etc. We are large importers of high class bulbs. J. M. Thorburn & Co., 36 Cortlandt st., New York.

Headquarters for Dutch Bulbs. Hyacinths, Tulips, Crocus, Daffodils, Gladiolus, Lilies, etc. Write for prices to Groenwegen & Co., Wholesale Bulb Growers, Amsterdam, Holland.

Warnaar & Co., late van Heemstra & Co., and Jac. Wezelenburg. Headquarters for Hyacinths, Narcissus, Tulips, Sassenheim, Holland. Ask for U. S. references as to quality.

R. Van Der Schoot & Son, Wholesale Bulb Growers, Hillegom, Holland. Our bulb stocks, now covering an area of over 150 acres, are at present the largest in Holland. Est. 1830.

High grade Holland bulbs and roots. K. J. Kuyk, Hillegom, Holland. Ask now for quotations, care J. Ter Kulle, 33 Broadway, New York.

Now booking orders for CALLAS and FREESIAS. Send for our quotations and surplus list of palm and other California seeds. Germain Fruit Co., Los Angeles, Cal.

Tuberose, The Pearl, 4 to 6 inches in circumference, \$5.50 per 1000; \$25.00 per 5000, net. Cash with order. Hulsebosh Bros., Englewood, N. J.

Zephyranthes sulphurea, big yellow flower, \$6.00 per 1000. Milla, Bessera and others. W. Tell, Austin, Tex.

Bulbs and Plants for Fall and Spring delivery. C. H. Joosten, Importer, 85 Dey St., N. Y.

Gt. van Waveren & Kruijff. Wholesale Bulb Growers, Sassenheim-Haarlem, (Holland).

CALADIUMS.

Caladium esculentum bulbs with live centers. Per 100. Per 1000.
2 to 2½ in. diameter.....\$1.00 \$5.00
2½ to 3 in. diameter.....2.00 15.00
3 to 4 in. diameter3.75 25.00
B. H. Ritter, Port Royal, S. C.

Fancy leaved caladiums, dry bulbs, nearly all sold. Started plants with from one to six leaves, from \$6.00 per 100 upwards. Sixty varieties. F. J. Ulbricht, L. B. 655 Anniston, Ala.

Caladium esculentum, fine, solid bulbs, 3 sizes. James M. Lamb, Fayetteville, N. C.

CALLAS

These are money makers! About 750 Callas in new 8-inch pots; they are grand bulbs and will be sold cheap. Write or call and see them. R. E. Ede, Parkville, Brooklyn, N. Y.

CANNAS.

10,000 Cannas. Chas. Henderson, Florence Vaughan, Austria, Peter Crozy, etc. 500 Wichuraiana memorial rose, fine plants in 3s. Will exchange all or part for palms, Pandanus utilis or Veitchii, araucaria excelsa, or tea roses. Send in your offer.

Mills & Wachter, Jacksonville, Fla.

Cannas. Our selection, started, ready for potting: Mme. Crozy, Chas. Henderson, Eganale, Florence Vaughan, J. C. Vaughan, Queen Charlotte and ten other good varieties. Price, \$3.00 per 100; \$25.00 per 1000. 4-in. pot plants, \$6.00 per 100. Cash please. A. J. Baldwin, Newark, O.

The 3 best solid red: Black Prince, \$10.00 per 100; Philadelphia, Duke of Marlborough, \$4.00 per 100.

The Conard & Jones Co., West Grove, Pa.

Cannas. Chas. Henderson, Austria, Burbank, Florence Vaughan, Ex. Crampbell and other good ones, 4-in., \$5.00 per 100. Cash or C. O. D. C. G. Nanz, Owensboro, Ky.

Canna Chas. Henderson, dormant roots, \$2.00 per 100. Cash with order. Will exchange for other varieties. G. W. Weatherby, Chillicothe, Mo.

Cannas, only the best varieties, mixed, 4-in., \$3.00 per 100; \$25.00 per 1000. C. Otto Schwabe, Jenkintown, Pa.

Mme. Crozy, strong 4-in., \$3; 3½-in., \$6 per 100. Jno. G. Heini & Son, Terre Haute, Ind.

Austria, healthy, strong plants, \$2.00 per 100. Beach Nursery, 2300 Ave Q, Galveston, Tex.

Six varieties in quantity.

Geo. A. Kuhl, Pekin, Ill.

CARNATIONS.

WELL ROOTED CUTTINGS. Per 100. Per 1000.
G. H. Crane\$6.00 \$50.00
Morning Glory6.00 50.00
Gen. Maceo6.00 50.00
Glacier6.00 50.00
America5.00 40.00
Gomez5.00 40.00
Mrs. Geo. M. Bradt5.00 40.00
White Cloud4.00 30.00
Mary Wood3.00 25.00
Mrs. F. Joost3.00 25.00

And other standard sorts.

Send for descriptive price list.

F. DORNER & SONS CO.,
LAFAYETTE, IND.

Perpetual blooming hybrid carnations. Crossings between *Marguerite* and *Remontant*. They are what we can recommend as truly summer flowering varieties; they begin to bloom in the field in July and continue until frost sets in; flowers medium size, growth very rapid. Can offer them in 10 varieties, in as many different colors, at \$5.00 per 100, by express, from 2½-in. pots, or the set of 10 varieties, R. C., for 50 cents, by mail. Ethel Crocker, the best pink carnation, well established plants, from 2½-in. pots, \$10.00 per 100; R. C., \$8.00 per 100. C. Eisele, 11th and Jefferson sts., Phila., Pa.

Carnations. The best of existing varieties. Maceo, Crane, Morning Glory, \$6.00 per 100; \$50.00 per 1000. Gomez, Bradt, Melba, \$5.00 per 100; \$40.00 per 1000. White Cloud, \$4.00 per 100; \$30.00 per 1000. Mrs. James Dean, New York, \$3.00 per 100; \$25.00 per 1000. Scott, McGowan, \$1.50 per 100; \$12.00 per 1000. Ethel Crocker, \$10 per 100; \$75 per 1000. Olympia, extra strong, from soil or pots, \$12.00 per 100. Genevieve Lord, extra strong, from soil or pots, \$10.00 per 100. The Cottage Gardens, Queens, N. Y.

Genevieve Lord, the peer of all light pink carnations. Prompt delivery after April 10. Stock all sold prior to that date. Price, \$2.00 per doz.; \$10.00 per 100; \$75.00 per 1000. Write for catalogue giving full description. H. Weber & Sons, Oakland, Md.

Well-rooted Carnation Cuttings. Clean stock. McGowan, \$1.00 per 100; \$8.00 per 1000. Victor, \$1.25 per 100; \$12.50 per 1000. Flora Hill, \$1.25 per 100; \$12.50 per 1000. White Cloud, \$2.50 per 100; \$20.00 per 1000. Cash with order. L. R. Hancock, Lock Box 691, Burlington, N. J.

EXTRA FINE PLANTS.

From 2½-in. pots. 100. 1000.
Lizzie McGowan\$1.50 \$9.00
Elsie Akehurst5.00 40.00
Wm. Scott2.00 15.00
Cash with order, please.

C. Akehurst & Son, White Marsh, Md.

Carnations, E. A. Wood, A. C. Fitzpatrick, Thos. Cartledge, Portia, Rose Queen, Wm. Scott, Armazindy and Eldorado, fine plants from 2-in. pots, \$2.00 per 100. Extras added to help pay expressage.

Fairview Floral Co., Beatty, Ohio.

A fine lot of rooted cuttings of the following: Mayor Pingree, Bon Ton, Wellesley, Armazindy, Jubilee and Genesee, \$2.00 per 100. Buttercup (fine), \$3.00 per 100.

Jos. Renard, Unionville, Chester Co., Pa.

Strong carnations from flats. Mrs. Joost and Daybreak, \$1.25 per 100; \$10 per 1000. McGowan and Scott, \$1.00 per 100; \$8.00 per 1000. R. E. Ede, Coney Island ave., Parkville, Brooklyn, N. Y.

Large stock of carnation plants from soil ready for the field. Write for prices on what you want. Geo. Hancock & Son, Grand Haven, Mich.

Mrs. Fisher. Strong, healthy plants, from cold-frame, \$1.50 per 100; \$12.00 per 1000. Cash with order. R. J. Gardner, Bayside, L. I., N. Y.

Ethel Crocker. 30,000 plants from soil for April and May delivery. 25 for \$2.50; 100 for \$10.00; 250 for \$18.75; 1000 for \$75.00. A. M. Herr, Lancaster, Pa.

Rooted Cuttings of all the new and standard varieties of carnations. Send for price list. Wm. Swayne, Box 226, Kennett Square, Pa.

Carnations, all the leading varieties, write for catalogue. Crabb & Hunter, Grand Rapids, Mich.

Best new standard varieties. Write for prices. Satisfaction or money refunded. Carl Hagenburger, W. Mentor, O.

Extra strong plants of Joost from soil, \$15.00 and \$20.00 per 1000, according to size. Chicago Carnation Co., Joliet, Ill.

Carnations from flats, McGowan, 75c per 100. Cash with order. J. Ambacher, Long Branch, N. J.

Dillon's wholesale price list of carnations is now ready. Send for it. J. L. Dillon, Bloomsburg, Pa.

Strong Daybreaks from soil, \$15.00 per 1000. S. W. Pike, St. Charles, Ill.

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YUCCA FILAMENTOSA BICOLOR. A beautiful Variegated form of the ordinary Yucca Filamentosa, or Adam's Needle, with dark evergreen foliage beautifully variegated with creamy white and possessing all the good qualities of its parent. An interesting, rare, hardy plant that will succeed in any position and which is certain to please. 2½-inch pots, 30c each; \$3.00 per doz.; \$20.00 per 100.

HENRY A. DREER,

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Special offer Hardy Perennials. Our immense collection of Perennials should be slightly reduced to make room, hence this limited special. Sea Pink, Armeria (for edging), 2-inch, at \$4.00 per 100. Aster Novae Angliae, heavy, field-grown, at \$4.00 per 100. Delphinium Chinensis, blooming size, 3-inch, at \$3.00 per 100. Pyrethrum Roseum, 2½-3-inch, at \$5.00 per 100. Our trade catalogue shows a big list of fine stock. Thos. Meehan & Sons, Germantown, Pa.

Hollyhocks, four separate colors, \$5 per 100. Hardy garden pinks, \$3 per 100. Rhododendrons, extra fine stock well set with buds, 15 to 18-in., \$7.00; 18 to 24-in., \$9.00; and 24 to 30-in., \$12 per dozen. Azalea Mollis, strong bushy plants, \$35 per 100. Storrs & Harrison Co., Box A, Painesville, O.

Hemlocks, fine quality, twice transplanted, 15 to 18 inches, \$50.00 per 1000. Beautiful Blue Spruce, Picea pungens, 2 to 3 feet, \$25.00 per 100. I have all sizes and varieties of hardy Evergreens. Let me know your wants in the line of evergreens. I know I can please you.
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Oranges, dwarf Otaheite from 4 and 5-in. pots, 10c each in lots of 10 or more.

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8-in. pot (3 plants), 26 to 30 in. high.....\$ 2.00
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These plants are all strong, ready to pot up. For other varieties see wholesale list from which a discount of 10 per cent. will be given on all orders accompanied by cash.

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Tall, showy Pandanus Veitchii, handsome for porch boxes and vases where something choice is wanted. Price from 75c to \$3.00 each. Height 18-in. to 3 ft. above pot. These plants are grown cool.

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Strong 2-year-old field-grown roses.	
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NEW ROSE LIBERTY. We can still supply a fine lot of own rooted plants out of 2½-in. pots. 12 for 60c each; 25 for 50c each; 50 for 30c each; 100 for 25c each.

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Roses. From 5-in. pots, 9c. Fine, clean plants, Clothilde, Soupert, Gen. Jacqueminot, La France, Malmaison, Coquette des Alps, Coquette des Blancs, etc., large flowered Clematis, finest Purple, White and Lavender sorts, extra strong, 3 year plants, at 33c; fine, 2 year plants, from 5-in. pots, at 18c. Also some 1 year plants at moderate prices.
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Bridesmaids, Brides and Perles, 2½-in., \$3.50 per 100; \$30.00 per 1000. Same varieties in 3-in., \$5.00 per 100; \$45.00 per 1000. Good stock, satisfaction guaranteed.

Will want 2000 good, clean 2½-in. Beauty stock. Send sample.

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Strong plants. Brides, Bridesmaids, in 2½-in. pots; American Beauties in 3½-in. pots. All good, strong, healthy stock. Will sell them very cheap for cash. T. O'Connor, Blackstone Blvd., Providence, R. I.

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Roses. Robust and healthy. 2½-in. pots, \$4.00 per 100; \$35.00 per 1000. Brides, Maids, Meteors, Perles. Cash.
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Perles, 2½-in., \$3.50 per 100; \$30.00 per 1000. All in A1 condition. Finest stock in the market. Wiator Bros., 51 Wabash Ave., Chicago.

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Extra Strong Meteors, from 2½-in. pots, \$2.50 per 100; \$20.00 per 1000. The Floral Exchange, Inc., Edgely, Bucks Co., Pa.

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Golden Gate, Bride and Bridesmaid, good 2-in. stock, \$2.50 per 100.
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Young rose plants. Brides, Bridesmaids and Perles. From 2½, 3, 3½ and 4-in. pots.
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Wichuriana roses, pink, yellow and white, 40c per doz.; \$3.00 per 100.
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Grafted Kaiserin and Carnot for summer blooming, elegant stock ready to plant.
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Winter-flowering roses, grafted and on their own roots. Send for our prices.
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Kaiserin roses, grafted, 2½-in. pots, \$10.00 per 100.
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Hardy roses in great variety.
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Manetti stocks for fall delivery.
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Perles, 2½-in., \$3.00 per 100.
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Salvia Splendens. A fine lot at \$1.00 per 100. Cash with order. Sample for 2 cent stamp. Address H. M. Woundy, New Canaan, Conn.

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Salvia splendens, \$2.50 per 100. Storrs & Harrison Co., Box A, Painesville, O.

In 4-in. pots. Geo. A. Kuhl, Pekin, Ill.

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Crop 1899 Sweet Pea seed, in following sorts: B. Burpee, Boreatton, Butterfly, Capt. of Blues, Countess of Aberdeen, Countess of Radnor, D. Tennant, E. Eckford, Extra E. Blanche Ferry, Firefly, L. Eckford, Monarch, Mars, New Countess, Prima Donna, Primrose, Salopian, Stanley, Victoria, etc. Per lb., 25 cts; 10 lbs., \$2.00; oz., 5 cts. Choicest sorts, mixed, lb., 20 cts; 10 lbs., \$1.50.

New Primula Sinensis Fimbriata. Pure white, rose, blood-red crimson. 100, 25c; 1000, \$1.75. Coerulea, True Blue. 100, 30c; 1000, \$2; Dbl. Primula, in above colors, 100, \$1.

Cineraria Grandiflora Hybrids, in most brilliant coloring. Packet about 500 seeds, 25 cts. Hybrid Nana, packet about 500 seeds, 25 cts. Calceolaria Hyb. Grandiflora, packet 25 cts. Hyb. Nana, packet 25 cts. Rugosa, shrubby, packet 25 cts.

Pansies. We guarantee our seed to be saved from finest sorts Prize Blooms, in separate colors, pure white, light and dark blue, red, bronze, pure yellow, black and gold, black, purple, auricula floras. 1000 seeds, 25c; 5000, \$1.00. Mixed, 1000 seeds, 25c; 5000, \$1.00. Bugnot, Cassier, Odier, Trimardeau, Kaiser Wilhelm, Kaiser Frederick, Gold Else, Snow Queen, Victoria, Peacock, Lord Beaconsfield, Black Prince. 1000 seeds, 30c; 5000, \$1.25.
H. H. Berger & Co., 47 Barclay St., New York.

Sweet Peas. Buy your supplies from the growers, and you are sure to get them pure and reliable. Per 5 lbs. Lb.

Blanche Ferry, white and pink.....	\$1.00	\$0.25
Blushing Beauty, best pink.....	1.00	.25
Captain of the Blues, the best blue. 1.00		.25
New Countess, best lavender.....	1.00	.25
Sadie Burpee, new, best white.....	3.00	.75
Salopian, the best crimson.....	1.50	.40
Countess of Aberdeen, pink edged		
rose	1.00	.25
Golden Gleam, yellow.....	1.00	.25
Grey Friar, white veined purple... 1.00		.25
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Monarch, deep maroon.....	1.00	.25

We have a great number of other varieties. Write for list. Perry Watson & Co., Sacramento, Cal., Wholesale Seed Growers and Merchants.

Chinese primrose seed, the finest large flowering fringed varieties grown. Not to be compared to cheap imported seed. Special florists' pkt. of 13 varieties, single and double, 500 seeds, \$1.00. Primula obconica grand. rosea, the finest of the improved obconicas, 1000 seeds, 50c. Cineraria seed of finest large flowering dwarf varieties in best mixture, 1000 seeds, 50c.

John F. Rupp, Shiremanstown, Pa.

Flower Seeds. Box containing 200 packets, choice varieties, Aster, Sweet Alyssum, Sweet Peas, Petunia, Mignonette, etc., mailed on receipt of \$3.00; retail value, \$10.00. They sell themselves. H. G. Faust & Co., 64 & 66 N. Front St., Philadelphia, Pa.

PLEASE MENTION THE REVIEW WHEN WRITING ANY OF THESE ADVERTISERS.

SEEDS—Continued.

Seasonable seeds. Primula, Pansy, Verbena, Daisy, Sweet Pea, Nasturtium and all spring seeds for florists. Write for our new list. McKellar & Winterson, 45, 47, 49 Wabash av., Chicago.

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Wholesale price list for florists and market gardeners. W. Atlee Burpee & Co., Philadelphia, Pa.

Special seeds for the florist and gardener. Send for wholesale catalogue. Johnson & Stokes, Philadelphia, Pa.

SMILAX.

String your Smilax with Meyer Green Silk-line. Send for samples and prices. John C. Meyer & Co., Mfrs. and Wholesalers, 87 Summer st., Boston, Mass.

Smilax, strong seedlings, 50c per 100; \$4.00 per 1000 by mail. Extra strong 2-in., \$1.25 per 100; \$10.00 per 1000.

South Side Floral Co., Springfield, Ill.

20,000 smilax; transplanted, very strong, healthy plants from flats, 50c per 100; \$4.50 per 1000 by express. F. B. Mills, Rosehill, N. Y.

Smilax, 2-in., ready May 15. \$1.00 per 100; \$8.00 per 1000. Cash please. Jos. H. Cunningham, Delaware, Ohio.

From flats, 50c per 100; 2-in pots, \$1.50 per 100. Cash with order. F. Boerner, Cape May City, N. J.

Smilax from flats, 50c per 100; \$3.50 per 1000. James Schols, Grand Rapids, Mich.

STEVIA.

Stevia, var., rooted cuttings, \$1.50 per 100. Greene & Underhill, Watertown, N. Y.

VEGETABLE PLANTS.

Plants for transplanting. Tomato—Beauty, Stone and Buckeye State, 15c per 100; \$1.00 per 1000. Celery—Golden Self-blanching and New Rose, 15c per 100; \$1.00 per 1000. W. D. Chase & Son, New London, Ohio.

Lettuce, tomato, pepper, egg, celery and other vegetable plants in season. For prices, see display adv. in this issue. R. Vincent, Jr., & Son, White Marsh, Md.

Celery, White Plume. Now ready, strong plants, 3 inches, once cut back, 15 cts. per 100 by mail; \$1.00 per 1000 by express. H. J. Binley, Glens Falls, N. Y.

VERBENAS.

60 finest named varieties, including our new mammoth white, Mrs. McKinley, the finest white verbenas grown. Healthy, free from rust. Rooted cuttings, 60c per 100; \$5.00 per 1000. Plants, \$2.50 per 100; \$20.00 per 1000. Our list is the choice from millions of seedlings. J. L. Dillon, Bloomsburg, Pa.

Verbenas, rooted cuttings, 75c per 100; \$7.00 per 1000; lemon verbenas, \$1.50 per 100; plants, \$3.00, \$4.00 and \$6.00 per 100. Greene & Underhill, Watertown, N. Y.

Mammoth verbenas, 20th century collection. Strong 2-in. ready May 10, \$2.00 per 100; \$20.00 per 1000.

South Side Floral Co., Springfield, Ill.

Selected mammoth verbenas, both in bud and in bloom, strong plants from 2½-in., \$2.00, 3-in., \$2.50 a 100. Cash with order. J. Ambacher, Long Branch, N. J.

Mammoth verbenas, 2-in., in bud, \$1.00 per 100; in bloom, \$1.50 per 100. Send for sample. Samuel Whitton, 15-17 Gray Ave., Utica, N. Y.

10,000 verbenas; transplanted rooted cuttings and seedlings, from flats, 50c per 100; \$4.50 per 1000 by express. F. B. Mills, Rosehill, N. Y.

Verbenas, good varieties, 2½-in., \$2.00 per 100. Cash.

Jos. Cunningham, Delaware, Ohio.

Choice sorts, \$2.00 per 100. Good & Reese Co., Springfield, O.

VINCAS.

Vincas, three colors, red, white and white-pink center, 2½-in., \$25.00 per 1000; flats, \$2.00 per 100. C. Juengel, 1837 So. 14th St., St. Louis, Mo.

Vincas, var., strong plants, twice transplanted, ready for 3-in. pots, \$2.50 per 100. Cash. Chas. S. Dutton, 85 W. 12th St., Holland, Mich.

Vinca rooted cuttings, extra strong, \$1.50; 2½-in., \$3.00, 3-in., \$6.00, 3½-in., \$8.00, 4-in., \$10.00, 5-in., \$15.00 per 100. Greene & Underhill, Watertown, N. Y.

Vincas, 500 large 4 and 5-in. pot plants, to make room, \$1.00 per doz. Strong 2½-in., 3c; 2-in., 2½c.

South Side Floral Co., Springfield, Ill.

Vinca elegans, 3-in., ready for 4-in., \$3.00 per 100. Vinca major fol. var., 3-in., ready for 4-in., \$5.00 per 100.

C. Lengenfelder, Elgin, Ill.

1000 R. C. Vinca Elegantissima, \$1.50 per 100. Cash.

Mrs. E. A. Sprague, Box 124, Holly, N. Y.

500 variegated vincas, trailing, 7-in., \$20.00 per 100. Morris Floral Co., Morris, Ill.

Vinca elegantissima, 2½-in., \$2.50 per 100. Cash. G. W. Weatherby, Chillicothe, Mo.

Periwinkle, 4-inch, strong, \$8.00 per 100. Cash. Chas. Zimmer, West Collingswood, N. J.

VIOLETS.

A few thousand rooted cuttings of each of the following varieties: Marie Louise, Farquhar, Lady Campbell and Swanley White, all fine stock and free from disease at \$6.00 per 1000, cash. Eli Cross, Grand Rapids, Mich.

Violets—Clumps. We are having the finest and healthiest Marie Louise. You can raise your own stock instead of buying poor one, \$6.00 per hundred. Samples upon inquiry.

Monticello Greenhouse Co., Monticello, N. Y.

Marie Louise and Lady Campbell Violet. Runners and rooted cuttings now ready. Potted plants ready next month. Good, healthy stock. Write for prices, etc. J. Bennett, Violet Farm, Blue Point, L. I., N. Y.

Imperial violets, rooted cuttings from soil, \$5.00 per 100; \$45.00 per 1000. Marie Louise, \$3.00 per 100; \$25.00 per 1000. Campbell, \$1.50 per 100; \$12.00 per 1000.

Van Aken Bros., Coldwater, Mich.

Marie Louise or Farquhar plant runners, some rooted, some not rooted. Good, strong, clean stock right from the clumps; no disease; no black fly, \$5.00 per 1000. Cash with order. Joseph Markle, Rhinebeck, N. Y.

Violet Clumps. Princess of Wales, \$4.00 a 100. La France, \$5.00 a 100. Cash with order. L. R. Hancock, Burlington, N. J., Lock Box 691.

Marie Louise Violet Clumps, in A No. 1 condition, no disease, at \$5.00 per 100. Cash with the order.

W. H. Schnabel, Croton Falls, N. Y.

Marie Louise. 100,000 rooted runners for spring shipments, strong, healthy, A No. 1 stock, \$4.50 per 1000. Cash with order.

L. R. Lane, Babylon, L. I., N. Y.

Violets. Strong, healthy, well-rooted runners of Marie Louise Violets at \$6.00 per 1000. Cash with order.

E. H. Blameuser, Niles Center, Ill.

Marie Louise Violets. Clumps, absolutely free from disease, fine, \$5.00 per 100. Rooted cuttings, \$2.50 per 100.

Monroe Greenhouse, Monroe, Mich.

Lady Campbell and California violets. Send for price list.

Wm. Swayne, Box 226, Kennett Square, Pa.

California and Persian, healthy, strong plants, \$1.50 per 100. Beach Nursery, 2300 Ave. Q, Galveston, Tex.

Princess of Wales Violets. Well-rooted runners, 75 cents per 100. A No. 1 stock.

A. K. Fairchild, Whippany, N. J.

Violet Clumps for sale. Clean and healthy, with lots of runners, at \$3.50 per 100.

C. J. Bahret, Poughkeepsie, N. Y.

Violet Princess of Wales, the only violet to grow. Strong rooted cuttings, \$1.00 per 100. Evenden Bros., Williamsport, Pa.

5000 Lady Campbell Violets, strong, healthy stock plants, \$4.00 per 100; \$35.00 per 1000. H. A. Jahn, New Bedford, Mass.

Californias, extra strong clumps, \$4.00 per 100. Cash or C. O. D. C. G. Nanz, Owensboro, Ky.

Violets, A1 stock, free from disease. Crabb & Hunter, Grand Rapids, Mich.

MISCELLANEOUS PLANTS.

Impatiens Sultana and Tradescantia, tri-color, \$2.00 per 100. German ivy, \$1.25 per 100. Mignonette, 2-in., \$2.00 per 100. Greene & Underhill, Watertown, N. Y.

Tradescantia multicolor, rooted cuttings, 80c per 100, prepaid. Farfugium Grande, 2½-in., \$5.00 per 100. Cash with order.

G. W. Weatherby, Chillicothe, Mo.

Oxalis floribunda fine for vases, \$1.50 per 100. Centaurea gymnocarpa, 2-in., \$2.00 per 100. Cash. Jos. Cunningham, Delaware, Ohio.

Allamanda Williamsii, \$8 per 100. Cobea scandens, \$4 per 100. Storrs & Harrison Co., Box A, Painesville, O.

1000 California moss, 2¼-in., \$1.50 per 100. Morris Floral Co., Morris, Ill.

Sansevieria zeylanica, 5c. H. Steinmetz, Raleigh, N. C.

TO EXCHANGE.

Want to trade cordata compacta and Bostonensis ferns, blue daisies, double white petunias and chrysanthemums, 15 varieties, for Brides, Maids, Perles or Meteor roses. Mrs. A. L. Myers, Bluffton, Ind.

WANTED.

Wanted—Hardy fern roots. State price and varieties. C. M. Hemala, Buckley, Ill.

CANE STAKES.

Cane plant stakes, \$2.00 per 1000, cash with order. W. W. Hendrix, Bowling Green, Ky.

COLORED PLATES, ETC.

Colored plates, seed packets, engravings, etc. Vredenburg & Co., Rochester, N. Y.

CUT FLOWER BOXES.

Florists' Boxes. The J. W. Sefton Mfg. Co., 241-247 S. Jefferson st., Chicago.

DECORATIVE MATERIAL.

Palm Leaves. Green, for decorating, or Dried for preparing; also Prepared Pressed Leaves, ready for painting; smallest to largest sizes. All varieties, Sabals, Chamaerops, Cycas, Arecas, Chamadoreas, Date, Thrinax (Excelsa and Argentea), Macrozamia, Zamia, Cabbage and Cocos Palm Leaves, Palm Fibre. Unlimited Supplies; Lowest Prices; Low Freights. Prepared Palms, Needle Pines, Cape Flowers. Florida Natural Products Co., Box 327, Orlando, Florida.

2,000,000 Hardy Cut Ferns. Fancy, at 75c per 1000. Sphag. Moss, 50c per bbl. Laurel Fest'ning, \$4.00 per 100 yds; Bouquet green Roping, \$3.00 per 100 yds. All orders by mail or dispatch promptly attended to.

Thomas Collins, Hinsdale, Mass.

Fancy and Dagger Ferns, new crop, \$1.00 per 1000. Special discounts to the wholesale trade. Caldwell The Woodsman Co., Inc., Evergreen, Ala.

Fancy and dagger ferns, also fine line galax leaves. Crowl Fern Co., Millington, Mass.

EVERYTHING FOR FLORISTS.

Write for quotations on your wants to McKellar & Winterson, 45, 47, 49 Wabash Ave., Chicago.

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FERTILIZERS.

We are western agents for WALKER'S EXCELSIOR BRAND Plant Food, an article that every retail florist should have on his counter. Sells readily and gives satisfaction to buyers. Put up in neat packages.

Per doz. Per gross.
 1/2 lb. packages.....\$1.25 \$10.00
 1 lb. packages.....2.00 18.00

Retails at 100 per cent. profit to you.

PURE BONE MEAL. The best known fertilizer for plant culture. Our brand is guaranteed free from acids or other elements of a destructive nature if used with discretion. 50 lbs., \$1.25; 100 lbs., \$2.25; 200 lbs., \$4.00; 1000 lbs., \$18.50; 2000 lbs., \$27.50.

PULVERIZED SHEEP MANURE. In bags of about 100 lbs. 50 lbs., 75c; 100 lbs., \$1.25; 500 lbs., \$5.00; 1000 lbs., \$9.00; ton, \$17.50.

VEGETABLE AND LAWN FERTILIZER. This is a brand highly recommended for general garden and lawn use. 1000 lbs., \$20.00; ton, \$30.00; 10 lbs., 50c; 25 lbs., \$1.25; 50 lbs., \$2.00; 100 lbs., \$3.00.

McKELLAR & WINTERSON,
 45-49 WABASH AVE., CHICAGO.

Bone meal made for my own use and for other florists who want a good article. Try a bag and be convinced. \$3.50 per 200-lb. bag; \$35.00 per ton. Albert M. Herr, Lancaster, Pa.

Pure sheep manure, the best that can be bought on the market. Also a large quantity of hardwood ashes, by the bbl., ton or carload. J. L. Elliott, Bethlehem, Pa.

FLORISTS' LETTERS.

Krick's Florists' Immortelle Letters are the best 2-in. letters, \$2.50 per 100, 15c extra by mail. For other styles of letters, designs and emblems write for catalogue. W. C. Krick, 1287 Broadway, Brooklyn, N. Y.

Send in your order now for a copy of the Florists' Manual.

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Galax leaves. For latest prices bronze and green Galax leaves and Leucothoe sprays address the introducer,

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GLASS, ETC.

The Van Reyper Perfect Glasiers' Points. No rights or lefts. Price per box of 1000, 60 cts.; by mail, 75 cts.; in lots of 5000 by express 55 cts. per 1000. Henry A. Dreer, 714 Chestnut st., Philadelphia, Pa.

Glass for Greenhouses, Graperies, Conservatories and Hot-Beds. French and American Glass. Van Horne, Griffen & Co., 40 to 43 Vestry St., New York.

Every florist ought to insure his glass against hail. For particulars address John G. Esler, Sec'y, Saddle River, N. J.

We make special greenhouse putty. Price on application. Lord & Burnham Co., Irvington-on-Hudson, N. Y.

Importers and jobbers of greenhouse glass. Wheeler-Stenzel Co., 72 Sudbury st., Boston, Mass.

Send for Lucas on Glass. Four pamphlets tell all about it.
 John Lucas & Co., Philadelphia, Pa.

Greenhouse glass a specialty. Sprague, Smith Co., 207-209 Randolph st., Chicago.

Greenhouse glass. Benjamin H. Shoemaker, 205 to 211 No. Fourth st., Phila., Pa.

INSECTICIDES.

TOBACCO STEMS, the good, strong kind only, 60 cts. per 100 lbs.; bales 450 lbs.

TOBACCO DUST, the black stuff, 2 cts. per lb.; 50 to 1000 lbs.

H. A. Stoothoff,
 116 West st., New York City.

Bordeaux Mixture. Now is the time to spray. Put up in lacquered 1-gallon cans, \$6.00 per doz. Sample can, 50c. Sprayers. The new Star Sprayer (tin), 50 cts. The new Imperial Sprayer, glass and tin, 75c.
 Glenside Chemical Co., Glenside, Pa.

Nikoteen. Does not injure the most sensitive plants. Endorsed by prominent florists. Used for fumigation or spraying, indoors or out. 200 lbs. of tobacco in one pint of Nikoteen. Sold by seedsmen. Circular free.
 Skabcura Dip Co., Chicago.

TOBACCO STEMS, the good, strong kind only, 60 cts. per 100 lbs.; bales 450 lbs.

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 116 West st., New York City.

Slug Shot kills insects on currants, etc. In use since 1880. Is effective and safe to use. Sold by seedsmen everywhere. Send for free booklet on bugs and blights to B. Hammond, Fishkill-on-Hudson, N. Y.

Nicomite (patent) Vapor Insecticide. A certain killer of insect pests. Sold by seedsmen. Tobacco Warehousing and Trading Co., Louisville, Ky.

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Wrought iron pipe, valves, fittings, etc., for steam and hot water; rubber hose, pumps and well points.

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Full line of pipe and fittings. Send for latest prices. S. P. Conkling, 20 East Atwater St., Detroit, Mich.

Iron Pipe and Fittings. Rundle & Spence Mfg. Co., 63 Second St., Milwaukee, Wis.

Iron Pipe and Fittings for florists.
 The Kelly & Jones Co., Pittsburg, Pa.

POTS.

Standard Pots. We are now ready to supply a superior quality of Pots in unlimited quantities. Catalogues and price-lists furnished on application.
 A. H. Hews & Co., North Cambridge, Mass.

Standard Flower Pots. If your greenhouses are within 500 miles of the Capitol, write us; we can save you money. W. H. Ernest, 28th and M Sts., N. E., Washington, D. C.

Flower Pots of all kinds. Standard Pots a specialty. List and samples free. Swahn Pottery Mfg. Co., Box 78, Minneapolis, Minn. Factory, Marshall & 25th Ave., N. E.

Standard Flower Pots. If you need pots write for our prices before you order. We guarantee safe delivery. Wilmer Cope & Bro., Lincoln University, Chester Co., Pa.

Red Standard Pots, wide bottoms, well burned and porous. Reduced prices.
 Harrison Pottery, Harrison, Ohio.

Flower Pots. Before buying write us for prices. Geo. Keller & Son, 361-363 Herndon St. (near Wrightwood Ave.), Chicago.

For the best Plant Tube, address Mann Bros., 6 Wabash Ave., Chicago.

POT HANGERS.

Krick's Flower Pot Hanger. Just the thing to display your plants by hanging them on the walls, etc., especially when crowded for room. No. 1 will fit 2 to 5-in. pots, 30c per doz.; No. 2, 5 to 8-in., 40c per doz.; No. 3, 8 to 12-in., 50c per doz. Sample pair, 10c postpaid.
 W. C. Krick, 1287 Broadway, Brooklyn, N. Y.

RAFFIA.

When in want of Raffia, write Jacob & Allison, Importers, 63 Pine st., New York.

SPHAGNUM MOSS.

We are headquarters for Sphagnum. Just received several carloads.

Per bale, \$1.00

Six bales, \$5.00.

Ten bales, \$7.50.

Write for prices on large quantities.

McKellar & Winterison, 45, 47, 49 Wabash av., Chicago.

We gather our moss and it is the best to be had. Bales, 4 1/2 feet long, 18 inches wide and 20 inches deep, weighing when well dried 40 lbs., 80 cents per bale; 10 bales, \$7.00. Green moss, \$1.00 per bbl.
 Z. K. Jewett & Co., Sparta, Wis.

SUPPORTS.

Tendrils for wire supports to roses and carnations. Hold plants firmly but with freedom. Write to H. Thaden & Co., 23 So. Broad st., Atlanta, Ga.

WIRE WORK.

C. A. Kuehn, 1122 Pine st., St. Louis, Mo., manufacturer of the Patent Wire Clamp Floral Designs. A full line of supplies always on hand. Write for catalogue.

We are headquarters for Wire Work.
 McKellar & Winterison, 45, 47, 49 Wabash ave., Chicago.

Reed & Keller, 123 W. 25th st., New York, Manufacturers of Wire Designs.

INDIANAPOLIS, IND.**Club Meeting.**

The Florists' Association held the regular monthly meeting at Garfield Park Tuesday evening, May 1. Those who came early were shown through the greenhouses by Mr. McKeand and they all spoke very highly of the excellent condition of the plants. Mr. Langstaff presided at the meeting. Mr. O'Pfium gave us a lecture on temperature that was very humorous and much enjoyed by all. The question, "Is Greenhouse Stock Taxable?" was brought up and quite a discussion followed. Would like to have the editor and the readers of the Review give us their opinions.

Florists here will try to buy their coal for the coming winter as soon as possible, fearing a rise in prices. Some of the members are clubbing together to buy their supply from the lowest bidder. Messrs. Junge, Hartje and Heidenreich were appointed a committee to see different coal agents and get bids. Next meeting will be held at Garfield Park, and there will be a discussion on rose soil by our rose growers.

Notes.

The bedding season is now here, and as it advances the florists have their hands full. A few of the market florists made an agreement to raise the price on bedding stuff, but it's the same old story. Some of them will agree to anything and then turn round and cut prices. How do they ever expect to get decent prices for their stuff under such conditions?

Mr. Braendlein is cutting some very fine sweet peas that are much admired.

Good roses are scarce, while carnations are plentiful and sell cheap.

Mr. Rieman had a vase of a white carnation seedling on exhibition at the last meeting which, with a little better stem, would be hard to beat. Baur & Smith exhibited some carnation sports that were very good. Both received honorable mention. **FRED.**

DENVER, COLO.

The following scores were made by Denver bowlers Tuesday May 1.

Mr. Applegate rolled with the club. He is not a "new bowler," though, as he did fairly well for a starter:

	1st.	2d.	3d.	Ave.
Benson ..	133	136	125	131 1-3
Applegate ..	168	201	154	172 1-3
Lindsay ..	118	150	114	127 1-3
Berry ..	152	143	149	148
Scott ..	214	10	193	195 2-3

P. S.

RICHMOND, IND.—E. T. Grave is building two new houses, each 26x200, both for carnations. E. G. Hill is on the way to Europe on a business trip.

OTTAWA, ONT.—The district swept by the big fire is a sad sight, but am glad to say there were no florists in the part of the city that was burned.

GRAND RAPIDS, MICH.

Mean, wet, cold, soggy weather is now our portion, with frost thrown in by way of variety; still it is good carnation growing weather, and those who are fortunate enough to have them all in are thanking their lucky stars.

Business continues brisk, shipping steady. Prices are about the same as in my last report, with a surplus of Daybreaks on hand and the supply of white and red about equal to the demand. G. F. CRABB.

ROCHESTER, N. Y.—A good thing! Greeks are getting Buffalo's surplus of roses and carnations and selling them on the streets here at 25 cents a dozen for roses; carnations, 15 cents. What will the store men do? S.

TOLEDO, O.—A terrific hail storm did considerable damage to greenhouses here on May 7.

WANT ADVERTISEMENTS.

Advertisements under this head 10 cents a line, an average of seven words to the line.

SITUATION WANTED—By young man, sober and reliable; experience in cut flowers, bedding plants, etc. Address Wm. Holey, Gen'l Delivery, Troy, N. Y.

FOR SALE—At once—Four acres, two dwellings, barn, eleven greenhouses, 18,000 feet d. s. glass; in a thriving town of 20,000 inhabitants; good shipping trade and local market; \$3,000.00 cash, balance on time. Address E. Haentze, Fond du Lac, Wisconsin.

WANTED—Two young men for carnation and rose houses. State experience and wages wanted. Address F. Burki, Bellevue, Pa.

WANTED—Experienced man for teas and mum stock to work under foreman. Salary \$25.00 and board per month to begin with. Poehlmann Bros, Morton Grove, Ill.

WANTED—Working foreman, thoroughly competent, steady and sober; must have good reference; no other need apply. Write us, stating experience, etc., and salary wanted, at once. Greene & Underhill, Watertown, N. Y.

WANTED—A first class foreman, one who thoroughly understands how to grow roses, mums and carnations; also a general line of bedding plants; 55,000 sq. ft. of glass; first class references required; good wages to a capable man. Crabb & Hunter, Grand Rapids, Mich.

SITUATION WANTED—By a first class practical grower. Best of reference; ten years at last place. Address 50, care Florists' Review.

SITUATION WANTED—By a practical all round grower. Palms and ferns a specialty. Address H., care Florists' Review.

WANTED—Two good men for all-round greenhouse work. Sam'l Muir, 3530 Michigan Ave., Chicago.

FOR SALE.

A fine farm of 439 acres of rolling land, under cultivation. A fine dwelling, good water, plenty of fruit trees. An excellent opportunity. Write for particulars. Price \$5,500.00.

A large plant situated in a large town in Ohio. 60,000 feet of glass. A modern place fully equipped and stocked. Three dwellings; city store, furniture and equipments. Reasons for selling and price will be furnished on application.

Any of the above named properties is a bargain and those desiring to purchase will do well to communicate with us. These are only a few of the properties that we have for sale and leasing.

SMITH & SMITH, 345 Sixth Ave., PITTSBURG, PA.
P. O. Box 869.

Mention The Review when you write.

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GREENHOUSE MATERIAL

JOHN C. MONINGER CO. 111 & 125 BLACKHAWK ST. CHICAGO
COR. HAWTHORNE AVE.

OF EVERY DESCRIPTION

Mention The Review when you write.

GARLAND'S IRON GUTTER AND DRIP CONDUCTOR.

NO SNOW OR ICE.

Waterway Capacity for 6,000 feet of Glass.
Length of section, 5 ft.; weight, 65 lbs.; carrying capacity, 4070 lbs.

This Gutter will save money in cost of construction as well as in rebuilding.

Parties contemplating using iron gutters will do well to note the wording of Patent No. 616,781, issued to Geo. M. Garland, as published in previous issues.

IRON PLATE AND DRIP CONDUCTOR FOR OUTSIDE WALLS OF DISCONNECTED HOUSES.

GEO. M. GARLAND, - DES PLAINES, ILL.

Mention The Review when you write.

"NICOMITE"
(PATENT)
Vapor Insecticide
POWDER.

No labor required. Harmless to bloom and foliage. A certain killer of

ALL GREENHOUSE BUGS.

SOLD BY SEEDSMEN.
The Tobacco Warehousing and Trading Co.
LOUISVILLE, KY.

FOR SALE.

240 acres of land on Isthmus of Tehuantepec, State of Vera Cruz, Mexico.

For full particulars write

ROLAND HUGHES,
846 New York Life Bldg., KANSAS CITY, MO.

Nikoteen Aphis Punk
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M. S. WORDEN.

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After reading this book carefully, I am greatly pleased, and wish to congratulate you on the practical manner with which you have treated the subject.

This book is placed where it will be accessible to all of our greenhouse employes, where this board expects to reap a reward many times the cost of the book. Respectfully yours,

COMMISSIONERS OF PARKS AND BOULEVARDS,

R. J. CORYELL, Gen'l Sup't.

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Joliet, Ill.

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G. L. GRANT, EDITOR AND MANAGER.

PUBLISHED EVERY THURSDAY BY

THE FLORISTS' PUBLISHING CO.

520-535 Caxton Building, Chicago.

334 Dearborn Street.

Subscription, \$1.00 a year. To Europe, \$2.00. Subscriptions accepted from those in the trade only.

Advertising rates: Per inch, \$1.00; 1/4 page, \$13.50; full page, \$27.00. Discounts: 6 times, 5 per cent; 12 times, 10 per cent; 26 times, 20 per cent; 52 times, 30 per cent. Discounts allowed only on consecutive insertions. Only strictly trade advertising accepted. Advertisements must reach us by Tuesday to insure insertion in the issue of the following Thursday.

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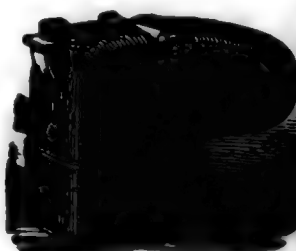
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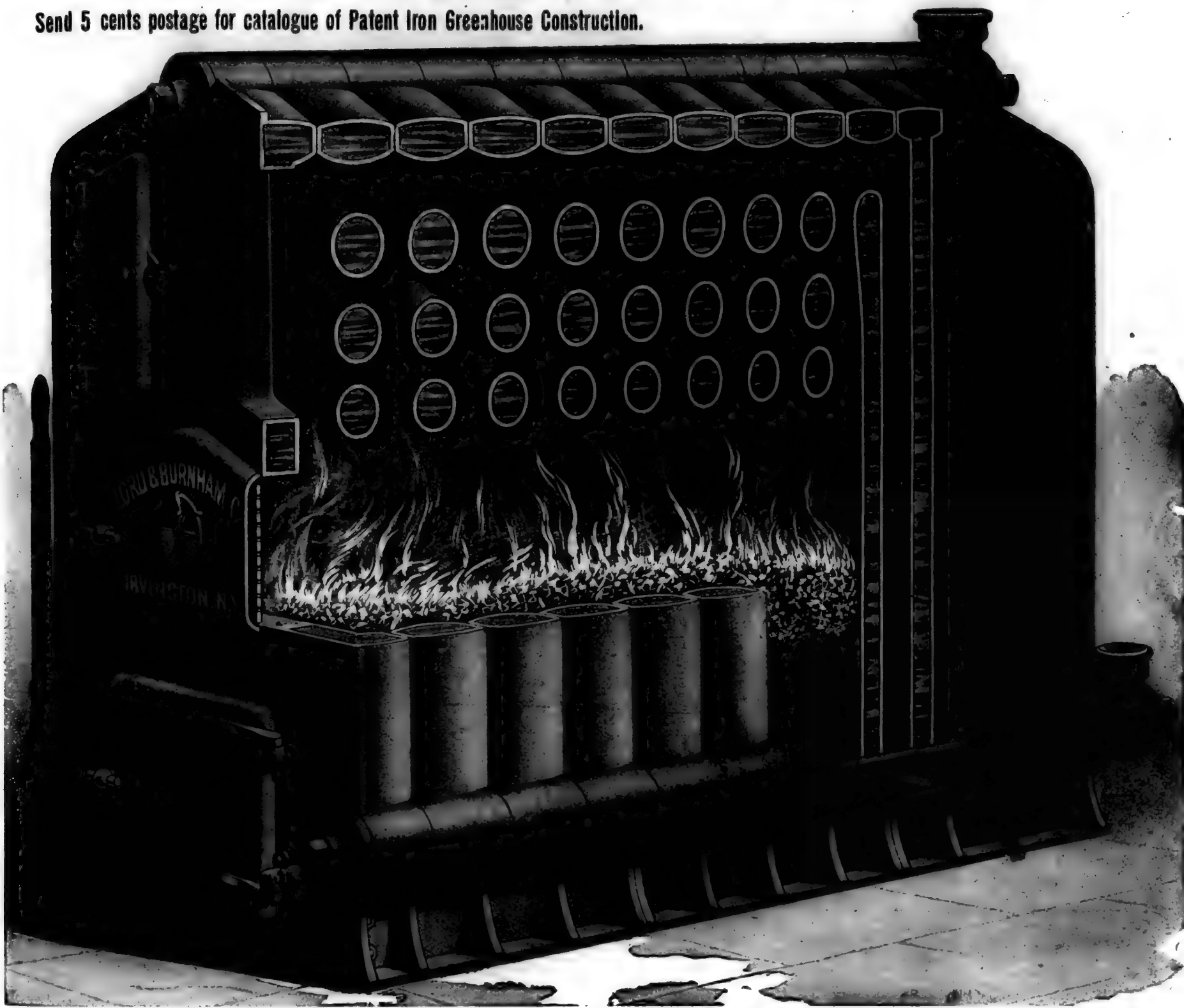


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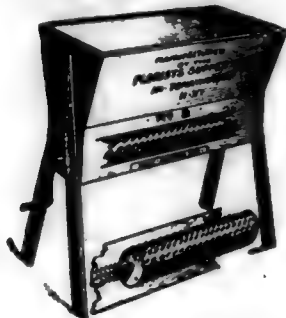
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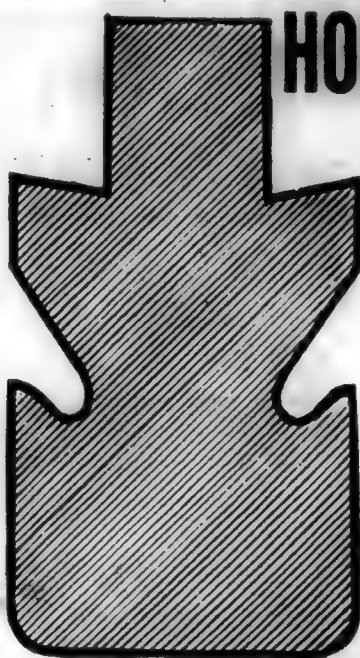
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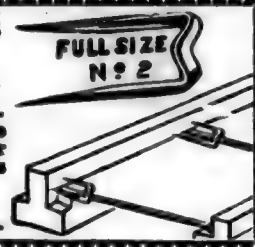


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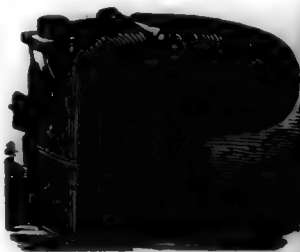
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Vol. V.

CHICAGO AND NEW YORK, MAY 17, 1900.

No. 129.



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THE RETAIL FLORIST

Decoration Day.

Let us stop a moment and think, and ask ourselves these questions: Are we alone responsible for our success? Do we owe nothing to this country? Have we done or do we do our duty as Americans? Do we realize or appreciate the full meaning of Decoration Day? Or has life any ambition or thought beyond that of self and its gratifications? Many may read this and mutter, "I'm satisfied; I'm making a living—what else should I care for?"

How small man appears as viewed from a high pinnacle; how often he really is so when judged from the point of true patriotism! "The land we live in" means only the land we rob or despise to many, but we are glad to say that element is daily becoming smaller. Yet to-day we may see many who forget their disguise and become ridiculous in their adoration of some foreign and corrupt monarch. But they will not go back and enjoy the glory of living under that potentate, not they, indeed, for they'd go hungry if they did. They like the United States, for the dollars are large and plentiful here. 'Tis a queer world and this country is the amphitheater for its tragedy and comedy—a stage upon which tolerance is forever fighting ignorance and on the latter prosperity with inexcusable impartiality often smiles in vain.

It is impossible for us to picture the American to whom the numerous small mounds in Arlington yonder are mere tufts of grass and nothing more; such a person doesn't exist. Yet it is true that there is a vast army of people here who eat up the products of the land and enjoy all its munificence without knowing or caring how such was made possible; envy cannot enter into any argument here, for there's room for all, but time is an impatient master and the ideal of everything depends on unity. That is the principle, the ambition of floriculture; our standards may vary exceedingly, but it is idealism we aim for; we mistake in not more forcibly applying it to the nation. Decoration Day should mean more to the florist than it does to the average citizen, because in addi-

tion to the sentiment or the eruption of memory, it is a day of special recognition of his art; the public turn to him for materials by which they may express all that is best in them, and if betimes the results are unsatisfactory the florist is often to blame, mostly for two reasons: he is not in sympathy with the occasion or the stock is inappropriate or too poor.

In our business it pays to foster patriotism and the best way to encourage is to set example. Even a mercenary motive behind such example need scarcely be discernible and the habit may become a virtue. Life, after all is said and done, is but a short bit of road; it is immaterial what part of the world it may be in, 'tis all the same and just as short. The ruins or glories strewn along it are but the results of our own acts; many times the river of adversity can be bridged only by the strong and ambitious; those who fail should not be condemned, at least hastily. What we have been writing here applies to the average American florist. We know—you all know—some particular man who grows his plants well for certain special occasions and his success comes quickly; others who either cannot or will not produce good stock, their struggles are pitiable.

A vastly larger quantity of good plants could be disposed of on Memorial Day if individual and united action would be concentrated to that end. We don't believe in giving away stock where such would tend to cheapen, demoralize or degrade the business. Heaven knows it costs much to produce plants and flowers and the public only too seldom recognize that fact. It is only that in the failure to push business on a day like this the florist is at fault, and may also be suspected of lack of interest in the event.

Last year we advocated the plan of having the local florists decorate the public soldiers' monument gratis. This would not have cost them much, it would be patriotic and remind the public of their duty. There is scarcely a town or city in the Union without some monument of national signifi-

cance, and they should be decorated by the florists, inasmuch as otherwise they will not be attended to. Years ago it was customary to elaborately decorate all the public statues; some vile work used to be done on them, too. We've seen Lincoln's arm filled with potted plants, sometimes a wreath of hemlock 'round his neck. Grant's chest covered with an immortal shield or a wreath on his hat. Farragut grasping a tin-foiled anchor. And Washington and Lafayette would be transformed into comedians.

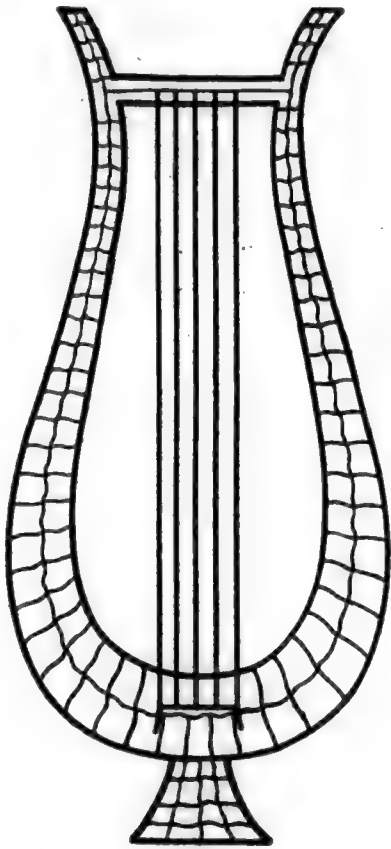
We would rather assert that the reasons for the lack of monument decorations to-day are due more to the bad taste displayed in the work of former years than to the decline of American patriotism. We have seen the beautiful creation, the soul-dream of some eminent sculptor, made a thing of ridicule by the florist whose duty it was to still more beautify, and can we blame the people if they stop it, or if other arts refuse to recognize the full importance of ours? The sculptor of to-day may in confidence procure his models from the floral artist of ancient Athens, and the floral artist of to-day should be equal to the highest standard of refined art.

We may imagine that the tendency of current styles incline to the large and gaudy displays, but it is our duty to advocate substance and beauty; for instance, a laurel wreath of two or three thousand leaves carefully arranged can be more expressive than a quantity of laurel streamers or entwined. In this class of work we should not go in so much for covering space as we should to conform to the outlines of the subject and yet individualize our own design. Harmony in work is like that element in society—both produce pleasure. In the case of equestrian or other statues, the florist's work should be confined to the base or pedestal, and even there a concentration of effort gives best results. It may be different in the decoration of monoliths or other forms, but clumsiness or indifferent work will spoil all.

Appropriate material is a very important matter to consider. Decoration Day should not be considered in any funereal light; it is no longer a day of mourning; it is a day of fond memories and great joy, for with garland and flower we pay our tribute to the dead and our joy has its spring in the fact that the country is secure and prosperous because of the sacrifices made and the ever present spirit of emulation.

Fortunately, the celebration occurs at a time of the year when an abundance of material is available, and the lateness of the season this time will provide even a greater variety than usual. Colored flowers are most suitable; the variety of color is immaterial—the grouping of them is essential. In extensive work of course a separation of color is desirable, such as

wreaths or garlands composed of all one shade. In the matter of greenery, we should remember that the laurel and palm are most appropriate emblems, still fine effects can be obtained by the use of almost any



Casket Lyre.

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The American flag is a grand emblem—a garland of roses does not destroy its beauty. Whatever we do this Decoration Day, let us be careful to give satisfaction. To make this earth more beautiful, to assist nature in providing humanity with all that is purest, sweetest and brightest, is the special mission of the florist. Let us not be content with being mere providers. Let us demonstrate an equality in all that is good, all that is American, on May 30th. IVERA.

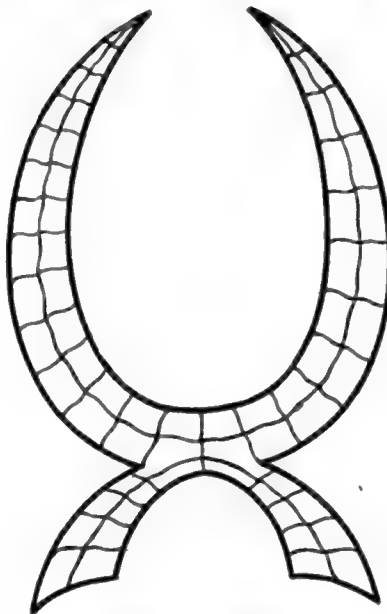
WIRE DESIGNS.

[Continued from last week.]

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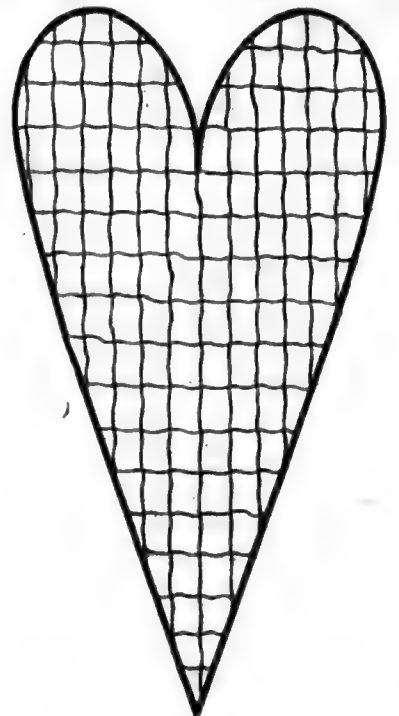


Empire Wreath.

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Though there is a good deal in the temperature given, it being frequently changed as the needs of the plant demand, considerable of the size of spike and stoutness of stem is gained by removing a portion of the foliage and throwing all the strength of the bulb into the flower. In the case of some that need more strength than others, all the foliage is removed, some without foliage being frequently desirable in pans of six or more bulbs. As late in the season as Easter there is not apt to be any unevenness in growth in the bulbs in a pan, but when such is noticed the lagging flower spike can be encouraged by the removal of the foliage. When this can not be done or is not sufficient, he cuts out the backward bulb and inserts another of same kind from a 4-inch pot.

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But where the foliage has been removed, more care must be exercised not to overwater, for the plant has little surface left with which to throw off excess of water.

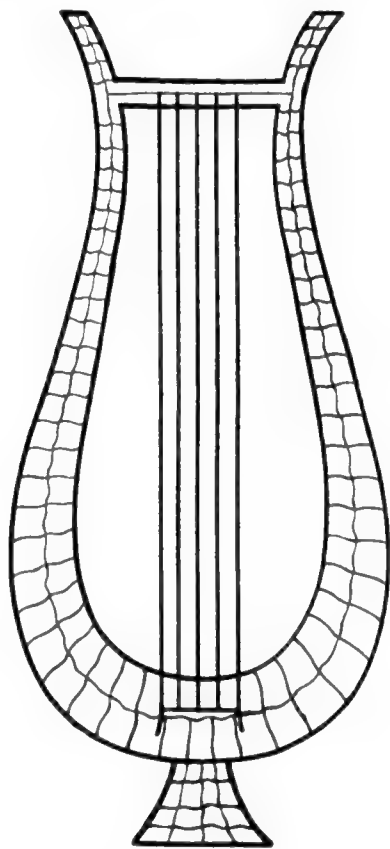
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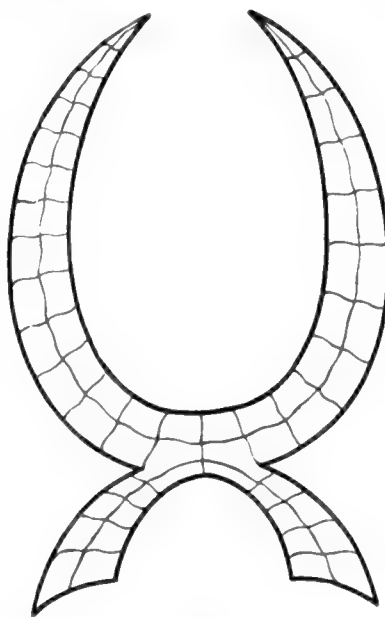
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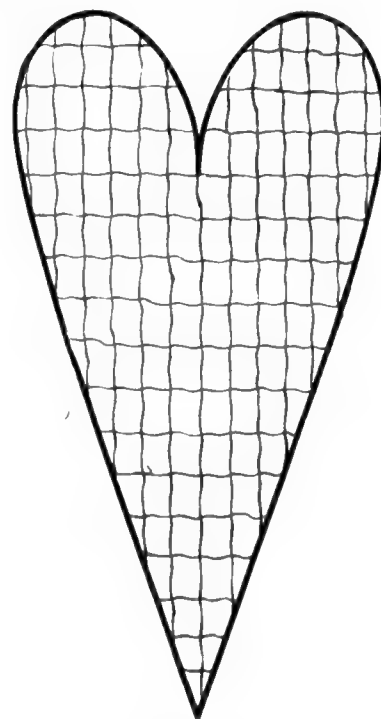


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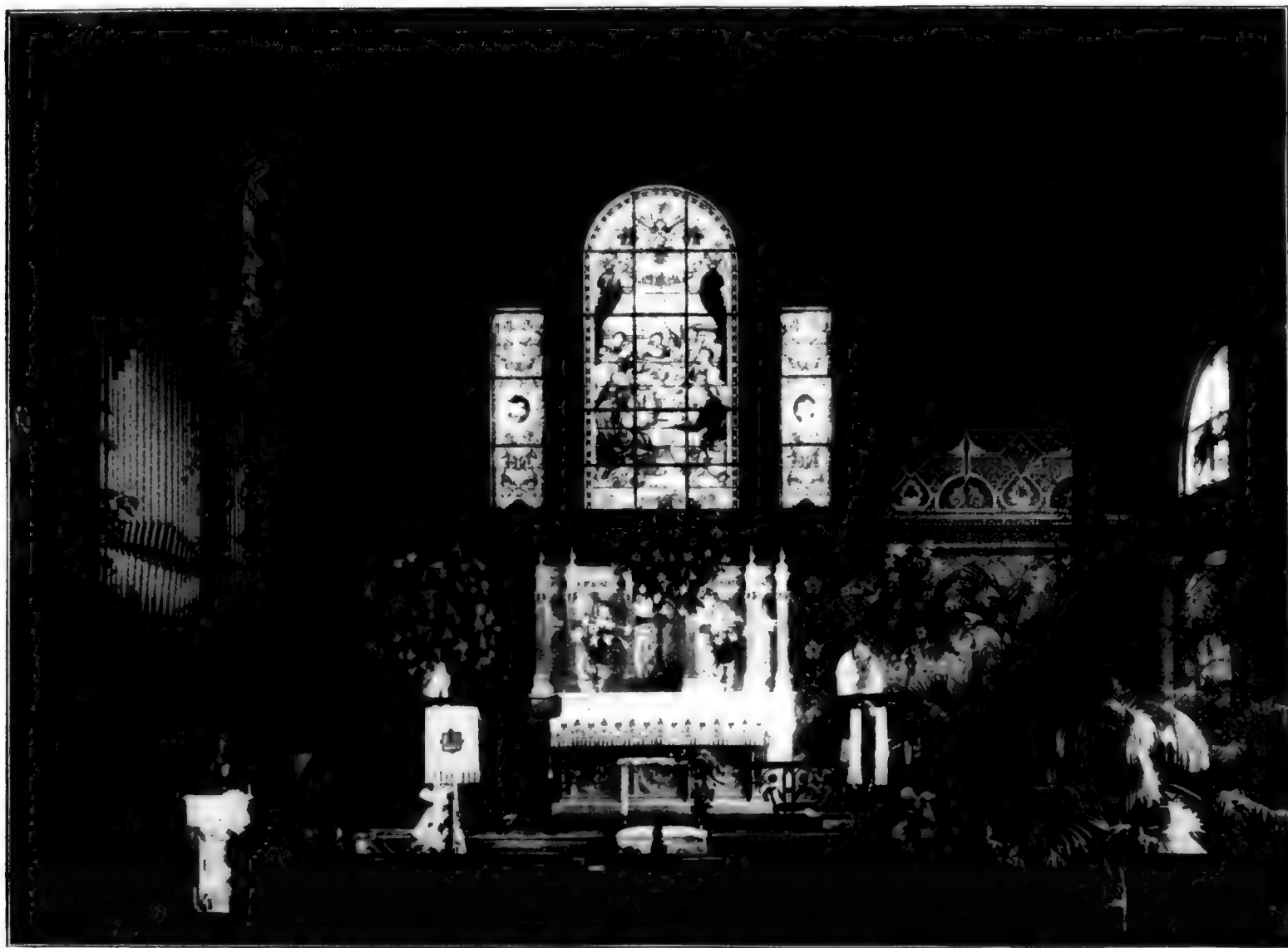
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such a muss that it is almost impossible to get them going again and making a fine, useful string. Guide these young shoots the way they shall climb, and when they are older they will not depart from it. This is a truth with climbing plants, but not so certain with other shooting and sprouting things.

One foot apart is rather close. I would rather have them 15 inches each way, or, better still, 18 inches between the rows and 15 inches between the plants. There is one great authority in this country on asparagus, namely, William H. Elliott of Brighton, Mass., who like all good gardeners, is ready to impart his valuable knowledge for the good of mankind. WM. SCOTT.

PRICES OF BEDDING PLANTS.

Mr. Robert Kift, in an able article in the "Philadelphia Florist," quotes the prices on bedding plants this season and adds that they seem too low. Three and four cents for 3-inch stuff and 7 and 8 cents for 4-inch must seem low to the man who broke the record with the prices he obtained for Begonia Gloire de Lorraine. These spring plant prices certainly allow him little or no chance for record breaking. Yet when one sees the thousands and thousands of little soft-wooded spring plants which have sprung up in a night, as it were, their cheapness is hardly surprising.

This year Easter was late, too late for the spring plant men. Their stock in consequence is much smaller than usual to-day at the opening of the planting-out season. There are some fine blocks of plants on the benches, but the bulk of the plants are small, seemingly dear at last season's figures.

It is very unusual to find the grower of bedding plants resorting to the trick of overshifting his stock in order to get full value from his product. This year, however, there are plenty of plants in 4-inch pots that would hardly sell as full-sized 3's. The man who has a contract for planting a bed that last year cost him \$14.00 in material (200 geraniums at \$7.00 a hundred), may consider himself lucky if he does not have to buy more plants to make his work creditable.

R. E. WORG.

GERANIUMS.

Referring to the single scarlet geranium Gen. Sheridan, Mr. August Jurgens, Chicago, says it has been grown here for many years. He knows of no better bedder, especially for a very hot position, such as against the front of a south facing brick or stone house, but at the same time it is not a first-class market plant, as it isn't very showy as a pot plant in the spring, unless extra well grown. But as a bedder it is a wonder, standing in the

hottest sun and blooming continuously with remarkable freedom.

Considering market qualities as well as bedding qualities, he places S. A. Nutt at the head of his list, and says it is surely the best of all dark scarlets. John A. Doyle, a new one, he thinks very highly of, and says it is by all odds the best of the light scarlets. Alphonse Riccard is a splendid red, and Francis Perkins decidedly the finest of the double pinks. La Favorite is his best white.

Of Mrs. E. H. Hill, salmon, there seem to be two forms. In one the flowers are split, while in the other they are full and round. The latter form is the one to have. Beaute Poitevine is a fine semi-double salmon, and Mme. Jaulin a semi-double peach-blossom pink.

Mr. Jurgens says most people water their geraniums far too much, and he has noticed the result of this error in the parks and on private places where competent gardeners are employed. Overwatering results in a rank growth and fewer flowers. He would never water geranium beds more frequently than once a week, even in the hottest and driest weather. He would then give a good soaking and let them alone for a week.

PANDANUS VEITCHII.

This plant is one of the very best house plants under cultivation when it receives intelligent care. Many of our retailers won't take the trouble to teach their customers how to care for the pandanus, and so miss many sales. Nearly every plant lover admires Pandanus Veitchii, and nearly every one can grow it in a dwelling house if they will use a little judgment in its care.

Pandanus Veitchii requires little or no moisture on the leaves in winter; it must not be kept very wet; it must not be allowed to get a sudden chill.

Remember these three points, and with good stock, properly grown and properly potted, you can succeed with Pandanus Veitchii wherever other foliage plants can be grown.

JOHN WELSH YOUNG.

BUTTED GLASS.

We expect to reglaze some of our houses this summer and are in doubt whether to butt or lap the glass. Would prefer butted glass only for the fact that when a pane is broken there is sometimes trouble to find another of exactly the same size to put in its place. If it should be a trifle larger it won't go in, and if it is a trifle smaller it will leave a crack for air to get in or heat to escape. What does Mr. Scott say?

HIAWATHA.

Evidently from the above the houses have been previously glazed with lapped glass. Then the sash bars would be entirely unsuited for butted glass. Don't attempt to butt glass

unless you have the bar and cap which is made for butted glass. Butted glass on the ordinary sash bar and fastened down with brads or laid with putty would be an everlasting nuisance and failure; and from this mistaken use of the method has arisen much of the abuse of the system.

If you had the cypress bar and cap you would not find the difficulty you mention about putting in a new light, because the new one goes in from the bottom and the others are pushed up tightly, and you can always make a fit at the bottom by raising or lowering the nail or whatever you use as a stop. Once more, don't attempt to butt glass without the correct bar and cap. Other methods are dismal failures. W. S.

A ROSE DISEASE.

We recently inspected some diseased rose plants at the establishment of Mr. Jacob Meyer, Morton Grove, Ill. It seemed to attack young plants in the 2-in pot stage only, and when the plants had successfully reached the 4-inch pot stage they seemed to be immune. The fungus seemed to always start at a bud or thorn on the side of the stem and work down to the roots. Numbers of plants were noted where the bark was badly affected and the roots still in a healthy condition. This rather suggested that the germs of the fungus were carried to the plant in the water, but if this is true, why are not the young growths of the older plants also affected? Can some practical man suggest an explanation?

Some specimens were forwarded to Prof. J. C. Arthur of Purdue University, Lafayette, Ind., and his letter regarding them is printed below. He also sent us the drawing of the fungus from which the accompanying engraving is made.

The young rose plants came in good condition, and it was not difficult to see that they were suffering from a semi-parasitic fungous disease. The fungus works under the bark, entering through the lower cut end, or through a wound in the stem made by breaking away a thorn, leaf, or bud. Having gotten a start inside the cutting or small plant, the tender cells are killed, and the bark soon turns black. After that the roots and leaves die because the stem can no longer transport the healthy sap.

The fungus is one of several that are known as cutting-bed fungi, although this particular one is new to me. It forms colorless threads that grow out into little glistening white tufts on the surface of the bark, just discernible by the naked eye. On the end of each branch is borne a spore, that finally drops away, and at once is ready to grow into more fungous threads to spread the disease. The spores are colorless, and either before or after dropping away from the

stalks that bear them, become two-celled by a cross wall, and occasionally three-celled.

In all details affecting treatment this fungus agrees with that of the well known Botrytis, which also attacks roses in this same manner. Both fungi can flourish on decaying flowers, leaves, and almost any vegetable matter, and only occasionally take to killing growing plants.

The first thing to do in ridding a house of such pests is to fumigate with sulphur. If flowers of sulphur be evaporated over a flame in an open vessel until the air of the house is decidedly pungent, and the process repeated twice a week for two or three weeks, there should be no more trouble from surface infection for some time. During the operation the sulphur should be watched and not allowed to burst into flame, or the contents of the house may be ruined.

But the fungus can also flourish in rich soil where sulphur fumes do not readily penetrate. To guard against this danger, the cutting bench should only receive sand that is clean and never before used in a greenhouse. Until the plants are well established, the soil should not be too rich, and if a naturally rich loam must be taken, as in some prairie regions, sand should be added to the soil when the cuttings are first potted off. Of course fresh soil that has had no chance to be contaminated from indoor use is safest.

J. C. ARTHUR.

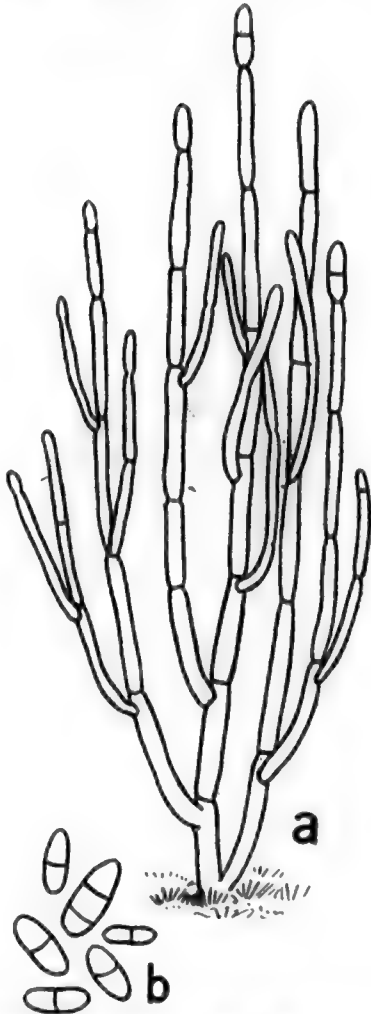
Indiana Experiment Station, Lafayette, Ind.

We also sent specimens to Prof. Byron D. Halsted of the N. J. Agricultural Experiment Station, who replied: "The young rose plants have been examined and the trouble is the anthracnose, treated of fully in my late paper before the American Rose Society." This paper was printed in The Review for March 29 last. From it we reprint an extract below:

"It will be gathered from these remarks that rose anthracnose is a specific disease, caused by a well defined fungus that grows rapidly from spores, penetrates the substance of stem and leaf and finally causes defoliation and death of cane. The anthracnose, because of its multitude of spores produced in pimples on leaves, particularly fallen ones, and the canes, and the ease with which they are transported by water, also rapidity of germination, all combine to make this fungous enemy of the roses very contagious.

"This class of fungi to which the Gloeosporium belongs is amenable to treatment by fungicides. A coating of the Bordeaux mixture or cupram upon the leaves and stems prevents in large degree the entrance of the germs. Therefore all rose-houses where there is any anthracnose should be sprayed with one of the above compounds. It goes without further saying that all plants that are nearly leafless from

this cause should be either cut down close to the soil or thrown bodily into the burn-heap."



Fungus Affecting Mr. Myer's Roses.

A. Fungus, magnified.
B. Spores, magnified.

In his description of the ravages of this disease the professor makes no mention of decay of the roots, and this was the case with all the affected plants in an advanced stage of the disease.

TAXING FLORISTS.

Editor Florists' Review: Will you please answer the following questions through your paper:

Are plants in pots taxable?
Are plants planted in bench taxable?
Is the soil in bench taxable?
Our local assessor claims they are and wants to tax us for same as personal property.
Ohio. K. B.

I cannot say what the general practice is, but ordinary justice would indicate that greenhouse stock, whether in pots or on benches, is no more taxable than a farmer's half-grown crops; in fact, not so much so.

Greenhouse stock, unsold, has no value, as it can neither be eaten, worn, burned nor made to serve any other purpose. When it has been sold it appears for taxation, either in money or other form of property. But until the sale has been made, how can a valuation be put upon that which may have to be consigned to the dump?

As to the soil in the bench, if the local assessor can find any monetary value in that, he must be a wonder.
Cleveland, O. A. GRAHAM.

I can not see how plants are any more taxable than a crop of growing corn or wheat in a field and I think it is very unjust in the local assessor to attempt to assess the same; in fact, I can not see how it can stand or where there is a law, at least in this state—Illinois—giving him a right to do so. It has never been tried in this locality, and if it were I would most assuredly protest and make my complaint to the Board of Equalization, which we have for that purpose, and which I would advise K. B. to do also if his local assessor insists on including plants, soil, etc., as personal property.

J. F. AMMANN.

Edwardsville, Ill.

Plants in pots are not taxed with us and we should "kick" if they tried it, as our taxes are heavy enough as it is.

R. E. SHUPHELT.

Chatham, N. Y.

Our assessor regards plants as natural products, like wheat or corn in the field, and therefore not taxable. As to taxing the soil in the bench, I should say not!

EMIL BUETTNER.

Park Ridge, Ill.

Plants in pots or on benches are not subject to any tax in Philadelphia. The dealers have to pay a trifling mercantile tax from which the growers are exempt.

JOHN WELSH YOUNG.

Germantown, Pa.

Greenhouse stock, either in pots or planted in benches, is taxable in Ohio, the attorney general holding that such stock does not come under the head or the intent of the law as to growing crops. THE GOOD & REESE CO.
Springfield, O.

So far as I know the custom here is for the assessor to place a valuation on a greenhouse establishment for taxation. Plants in pots, etc., are certainly personal property.

A. HERRINGTON.

Madison, N. J.

We are taxed on greenhouses and property as a whole. We pay no tax on plants, pots or any other contents of the houses. Of course, our tools, wagons, horses and other outside property is taxed.

GEO. M. KELLOGG.

Pleasant Hill, Mo.

The answer to the inquiry should be "No." Each year that a new assessor is elected we have this matter brought up, but after inquiry into it by the county auditor, it is never brought up by that assessor again. I have never had greenhouse stock as-

sessed here, nor do I know of any that have been. The only thing taxable about greenhouses is the buildings themselves. This year the greenhouses are being assessed as real estate instead of as personal property.

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We are taxed only for greenhouse structures and not for plants in pots or benches, neither for soil, which last I think would be absurd.

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Some years ago the assessor here listed market gardeners' products. They raised such a rumpus that the mayor ordered all such goods off the list. I put in a claim that plants in pots and in open ground were in the same class and since then they have not been listed, being taxed only as real estate, which is enough, the crop being subject to climatic conditions.

Davenport, Ia. J. T. TEMPLE.

[We shall be pleased to hear from others on this subject.—Ed.]

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Cannas.

Although not cultural, it is business to say that the canna is ever growing in popularity, and you must add to your collection yearly or you will drop behind the procession. Obtain plants of the new ones and plant out at once; that is a surer plan than trusting to buying the clumps in the fall. Last year we bought Tarrytown and found it a most excellent bedder. It is a dwarf, free, cherry red. But there are several new ones that you must have, and the cheapest way to get stock is to plant them out now.

Number of Plants to fill Beds.

Along about the bedding season we are continually asked how much a flower bed of a certain size will cost, and about 90 per cent of all the beds where there is only one on the lawn is a circle. Now, when the customer says "The bed is eleven feet across," you begin to figure out and waste time. Have a card with the number of plants it will take from a 6-foot diameter up to 20 feet. We reckon geraniums, coleus and that sort of plants at one foot apart; cannas and caladiums, 18 inches. It is usual to begin by saying a bed is 10 feet across and you keep the first plant back 6 inches. Don't do that. Say the bed is 10 feet in diameter, so the first row is three times that, or thirty, and with geraniums you will come out just right, and if you have all this to refer to you can say in a moment: "The bed is 10 feet across; that will take 93 plants at \$1.50 per dozen, about \$11.50; or if coleus, at \$1.00, about \$7.50. I have not stopped to make my figures accurate to a "York shilling," but you can easily have it all figured out nicely and it will save you much time along the 28th of this month, when your every moment is precious.

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HEATING WITH NATURAL HOT WATER.

Editor Florists' Review:—Away off here in the Rocky Mountains, isolated as we are from the large centers of population, many of the readers of your journal who live in the far east, and whose environment is culture and civilization, perhaps hardly think life would be safe as far west as this. However, there are people who have the adventurous spirit, and such they

MISCELLANEOUS SEASONABLE HINTS.

Plant Out your Stock Geraniums.

With us there is a little lull in business between getting out the hardy plants and the plants that will not endure a single degree of frost. It is seldom we get a frost after the 15th of May that will hurt a geranium, and now is the time for you to select plants for your own stock and get them planted out; then they can't be sold. I mention geraniums because they are one of our most important plants, and to have a good supply of cuttings in September you must have a good lot of plants. You can get all you want of salvias, ageratums, coleus or acahyphas from a few plants, but not so with geraniums; with this universal favorite propagation is slow, and if you want 10,000 cuttings in September you must put out at least 1,000 plants now.

Never mind if the foliage does get a little red with the cool nights; they will be making roots and make the best kind of cuttings. On one occasion we planted 500 geraniums for stock on the 15th of May; on the 20th we had a frost that blackened every leaf and stem, but after being cut to the ground they made the finest plants we ever had. I don't say this freezing is an essential, but I would rather it happen than plant out a lot of culls near the end of June. Our experience is that if you don't get this stock out before the grand rush, you won't get a chance till it is over, and as for keeping so much put away for your own planting, it is an impossibility in a retail place, for they become the most attractive, and when your good customer says, "Oh, can't I have them?" you say, "Well, really, they are not for sale; but I will have to spare you a few," and this is repeated till they are all gone.

Propagators of roses and carnations are much more particular in selecting good cuttings from the most healthy and vigorous plants than they were a few years ago, and the same good law applies to everything, especially by this artificial way of increasing or multiplying our plants. So in everything select for your stock the plants that possess the characters that are prized, and good health is sure to be one.

Asters.

Last year was the driest in July and August that we remember in a long time, and many a fine field of asters that promised so finely just wilted away or their flowers were useless. I am by no means an advocate of indiscriminate watering, and the geranium just spoken of above is a half succulent, and in ordinary seasons thrives splendidly without a drop of artificial watering if well hoed. But there are some things that cannot be grown without the liberal use of the hose, and the aster is one of them, so don't put them out of the reach of it. Sweet peas, gladiolus and dahlias must be watered, unless we get frequent rains. I still stick to my previous assertion that we should never water carnations in the eastern states, however much they may have to do it in the west.

Asters should have a deep rich soil, and if it is a little on the clay side, none the worse; they will be all the finer blooms, providing it is rich and well cultivated.

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Dahlias are not grown as much as their handsome flowers deserve. Many of the pompon varieties are beautiful and most useful to the florist. It is useless to plant dahlias out and ex-



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In speaking of "early days," we refer to the 60's, when the discoveries of placer gold brought seekers for the precious metal to the great west. They certainly endured many hardships, and had many trying and dangerous experiences. That day is over, and we no longer live in fear of being scalped by Indians.

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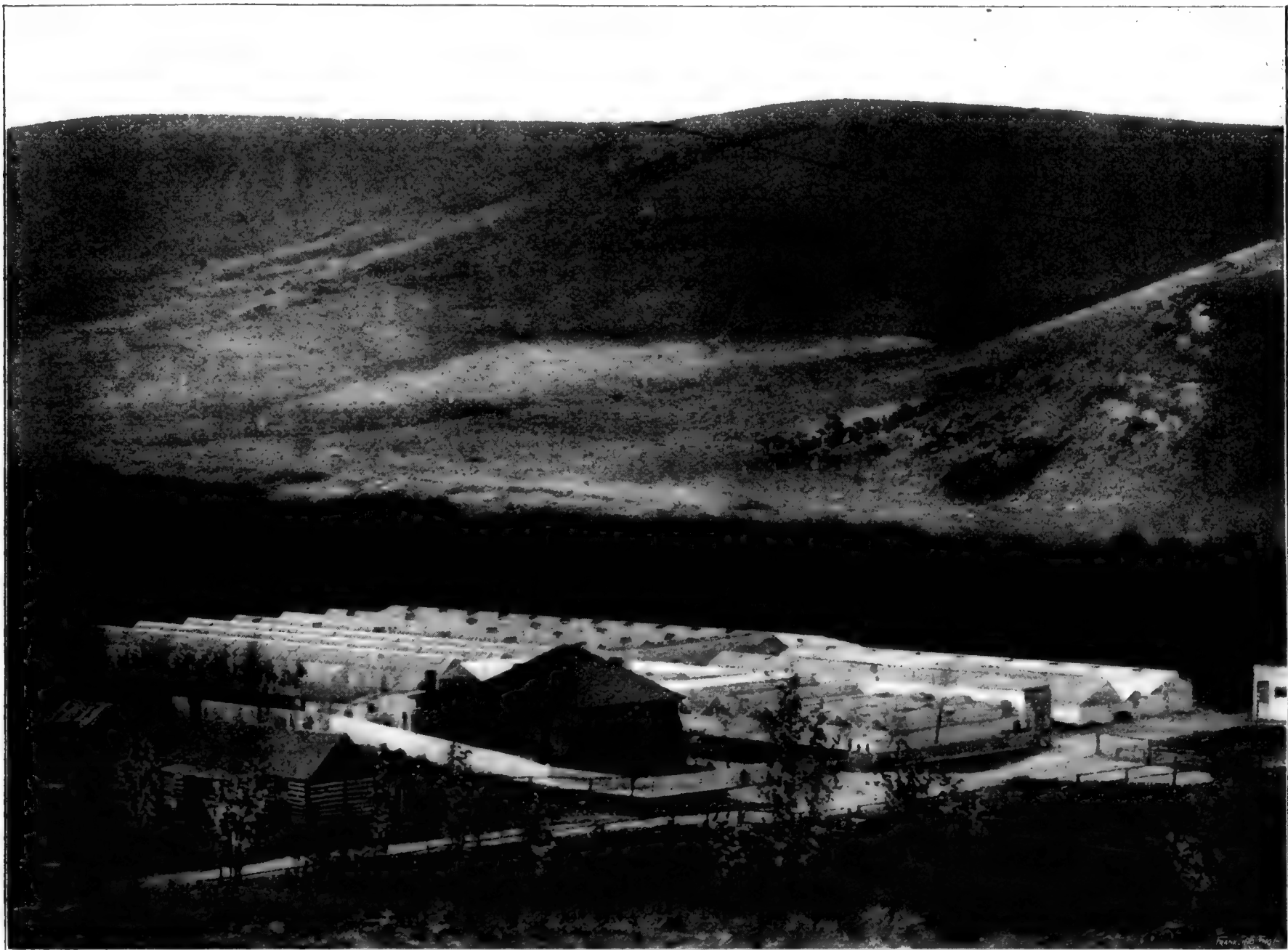
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Paderewski, the great pianist, and his wife were visitors at the green-

houses yesterday, and when informed of the method of heating he exclaimed: "Astoneeshing! no fire?"

The half-tone engraving is from an actual photograph, taken from the hill a short distance away. The range of greenhouses now contains 35,000 square feet and a new section of about 18,500 square feet is contemplated as an addition to the plant this season.

Visitors will be gladly shown over the premises, and, if necessary, they can bathe in the hot water. To use a western phrase, "the latch string hangs out" at the State Nursery Co.'s place.

A. J.

Helena, Montana, April 19, 1900.

FLORISTS' BOWLING LEAGUE.

To the National Florists' Bowling League, greeting:

To an enthusiast of this, which may truly be called the national game of the American florists, it is a great pleasure to peruse the scores and read the various accounts of the contests as they appear weekly in the trade papers, and note the interest that is being taken in the game in the different floral centers of the country.

An evening now and then passed in the company of congenial spirits, engaged in friendly rivalry at a game of tenpins is not, as some who take a narrow view of life seem to think, "time wasted." Such an occasion brings together socially and affords much needed recreation to men whose business demands almost their entire attention, but who manage to get an hour or two occasionally to indulge in this popular game and derive much benefit from the exercise and amusement it affords them.

The inter-city matches which take place from time to time are very interesting events and give great pleasure to the contestants, as well as their friends who come to cheer them on to victory, or condole with them in defeat, as the case may be. Whatever the result of the game, however, it has no serious effects on the spirits of the players. They have enjoyed the excitement of the game, had a good time socially, and return home much benefited by their outing.

The last national tournament during the convention of the S. A. F., at Detroit, and others that have gone before, still linger as pleasant memories, and from the reports of the games now coming in weekly it is seen that the interest is being kept up with the hope, no doubt, of winning distinction and prizes at the coming national contest at the meeting of the S. A. F. in New York next August. This tournament promises to eclipse all previous contests of similar character. It is safe to say that more clubs will be entered and many more prizes offered than ever before. The New York club has already secured several valuable trophies and the national association also has, in addition to its sweepstake prize of \$100 or over, had given to it several handsome cups to be offered as its committee deem best.

In order that there shall be no confusion and that everything in the matter of schedules and prizes shall be ready when the time for the contest arrives, I have appointed a committee to take charge of these important matters and assist the officers of the national organization in carrying them out. The committee consists of John Westcott and George Watson, of Philadelphia, and Wm. J. Stewart, of Boston.

It would be well for all clubs intending to take part in this contest to individually get together at once and discuss the situation. The committee would be very glad of suggestions from any of the clubs about prizes, or rules for conducting the tournament (although the regulations adopted at Detroit, after careful discussion, seem to meet every requirement), or anything that anyone has to offer. The one rule that I might call attention to is that all contestants must be members of the S. A. F., identified with the business, and also belong to the florists' club of the city which they represent. While it is a hardship to clubs which, after coming a long distance, to find on the day of the games that they are a player short, it is not fair to the other fully equipped teams to have perhaps a strong bowler substituted, as it leaves the weak club open to the charge that it was done intentionally, so that they might gain by such an addition.

Any city may enter the tournament with a team, provided its members have the necessary trade and S. A. F. qualifications, and be entitled to a chance at all prizes offered except the sweepstake prizes of the national organization. Membership in the National Florists' Bowling League costs each club \$10 annually; these dues are used to purchase prizes to be bowled for by the membership clubs only. Several of the clubs have forwarded their dues for this year to the treasurer, Mr. J. F. Wilcox, of Council Bluffs, Iowa, and I would request all others who desire to join the league to forward the amount to him at once, as, with the membership known, the committee can work more intelligently, and, having the prizes in readiness before the contest, can arrange the schedule so that all shall have an even chance to win. ROBERT KIFT,
President F. N. B. L.

OBITUARY.

Charles F. Baker.

Charles F. Baker, the well known florist of Utica, N. Y., died suddenly May 11 while at work arranging a funeral design intended to be placed upon the grave of another. Death was caused by heart disease. He was in his 60th year.

Mr. Baker was born October 16, 1840, in the town of Marcy, near Stittville. His father was Warren Baker, one of the pioneer settlers, who came from

New England. He remained at his father's home until he reached his majority, when he established himself in the mercantile business at Stittville. He later engaged in business at Pit-hole, Pa., during the palmy days of the oil region and finally came to Utica. The condition of his health induced him to enter the florist's business in 1876. This he rapidly enlarged until he developed the largest business in this city. He was a hard worker and his application to his business was intense. He was an exhibitor at various flower shows and worked up a large shipping business with outside points.

Mr. Baker was a member of the Society of American Florists, of the American Carnation Society, and was treasurer of the Utica Florists' Club during the existence of the local organization. He produced two excellent carnations, Oneida and Red Jacket, and was an indefatigable student and experimenter.

His son, Frank J. Baker, has been for many years his father's co-worker, and last April was admitted to partnership in the business.

In character Mr. Baker was a man universally esteemed and those who had known him longest liked him best. He was extremely honorable in business and other relations. He was twice married and is survived by a widow and three children.

At a meeting of Utica florists held at W. J. Crowe's, at which twenty-five members of the craft were present, and at which J. C. Spencer was chairman and Charles Matthews was secretary, the following resolutions were adopted:

Whereas, The Supreme One in His wisdom has seen fit to remove from our midst Charles F. Baker, one who by his integrity, industry and estimable character found a place in the hearts of those engaged in the trade with him, and it is but fitting that we here assembled should express in some manner our high regard for him who has been taken from us; be it, therefore,

Resolved, That we tender to the family our sincerest sympathy in this, their hour of darkness and sorrow; be it further

Resolved, That a copy of these resolutions be transmitted to the family of the deceased, and that we attend the funeral in a body.

C. C. Morse.

C. C. Morse, the well known seed grower, died at his home in Santa Clara, Cal., May 5, aged 57 years. He was born in Thomaston, Me. He came to California in 1861 and after some mining experience he engaged in the seed growing business in 1877, which he developed to very large proportions. A widow and four children survive him. The management of the business will devolve upon the son, Lester L. Morse, who has been associated with his father for some years.

JERSEY CITY, N. J.—Mr. F. W. O. Schmitz sailed for Europe with his family on the steamship Southwark on Wednesday, the 16th. He expects to arrive home again July 31.

BUFFALO.

At last overcoats are put away for the benefit of the moths and something like spring is here. It has been one of the best seasons for nurserymen that we ever remember, for instead of jumping from winter to spring, as we used to read in those publications sent to "Hold Hingland" to induce settlers to cross the Atlantic and take up land somewhere a little south of Hudson's Bay, it has been a long, slow, cold time, with nothing to start vegetation.

There is an abundance of flowers—rather too many. One of our very large clothing stores was giving away roses to every customer. I understand they were supplied at \$10.00 per thousand. Perhaps there is no great harm done. It may foster a love for flowers in some homes where they were before strangers. On account of the Pan-American, which is already bringing many strangers to our city, there is going to be an increase in the decoration of the grounds on our leading residence streets, and by 1901 there will be a marked increase in all kinds of decoration, so the plant men have a bright future for at least two years, and it is likely to be permanent.

A good many bay trees have come to Buffalo this spring, the elegant dining room and smoking and reception rooms of the Ellicott Club buying no less than three dozen of the various styles and sizes, and several fine pairs are now seen on Delaware avenue. From what we hear the importation of these must have been immense. How long it will last is a guess.

There is one thing helps to sell them; you can truthfully tell your customer, even in this blizzard afflicted town, that they can and should go out on the lawn by the middle of April, and should remain out ordinary seasons till the end of November. During their four or five months' hibernating a coach house will keep them about as well as a greenhouse, and better than a hot one. In a warm hall or room they are only a partial success, doing very well for a few months, but gradually giving up the ghost. Billy Palmer, who takes lunch every day in the Ellicott Square, says so many of these funeral trees makes him think he is again in Florence, where he acquired the correct Italian accent.

Our markets are getting to be great places for the distribution of plants. It is to be hoped they will rush them on and get as many killed as possible, then by June 1st the greenhouse men who don't go to market will have their innings. Not only pot plants, but now you can get everything in Washington Market—fruit trees, herbaceous plants, vegetable roots, herbs, and all other green things, and sweet scented things, including codfish, sauer kraut and limburger, but the aggregate and conglomerate odor would never be

mistaken for "the spicy breezes that blow soft o'er Ceylon's Isle." And a walk through the labyrinth of stalls is depressing to your spirits and you feel that you are in a cheap business, but a look at a Main street store revives you again and you sensibly think that there is a sloppy side to every business.

Mr. Nelson Bogue, of Batavia, was in town this week, and so was Mr. A. Dimmock, of England and Belgium.

Mr. Danl. B. Long has removed from rather inconvenient quarters to a fine room in the Lewis Block, corner Swan and Washington, where I lately found him arranging his immense stock of designs, calendars, and other florists' requisites in the literary line.

"Nellie" Scott is visiting her brother, D. John, in Philadelphia, and has strict orders that if David has any "entangling alliances," he must go to night school and play bowls only once a month. In fact, the journey is to look into the general behaviour and welfare of the youth.

Pan-American News.

During the progress of the exhibition the Horticultural Department will hold several exhibitions of flowers. Premiums, medals and diplomas will be offered for the best exhibits for various classes at each exhibition. The announcement is thus early made so that intending exhibitors will have an opportunity to prepare suitable stock to produce exhibition quality. The dates are not definitely settled on, and in the case of roses it will be difficult to fix a date to suit wide degrees of latitude, but there is probably not more than two weeks' difference between New York city and St. Paul, and the second week in June will find many fine flowers in both localities.

The second week in May will be devoted to carnations. Roses the second week of June. Sweet peas during the first or second week of July. Gladiolus the first and second week of August. Dahlias the first week of September. Cannas the third week of September. The writer would be glad to hear from anyone who can suggest a better date to suit the majority of our northern growers.

WILLIAM SCOTT.

Room 726 Ellicott Square, Buffalo, N. Y.

BOSTON.

The Market.

At this rate flowers must be scarce at the end of the month, and this particular rate will not have to continue much longer to bring about that state. Nothing is really over-plentiful and the coming crops cannot become far enough advanced to be of use for Memorial day without unexceptional weather conditions, if at all. Roses seem to be in the most dangerous sit-

uation and it would seem as if no outdoor goods of any amount can be looked for to help the situation.

Of course, the wholesalers are busy arranging their stock of dry and metallic floral supplies, which, however, have not been used to such a heavy extent during the past two years as formerly, probably on account of lower prices on the genuine goods.

Prices.

Prices have run low the past week to the regular trade, but the street boys have complained that they have hardly been given a fair show. The point of view makes a difference. But it is hard to please even one of these two classes of retailers, and woe to him who supplies a street stand near the door of his regular customer of more pretension. At least he must not take a sensitive ear into the store upon his next visit.

Daily papers tell an interesting tale of how two wide-awake real estate agents have formed a syndicate with sufficient paid-up stock to replace the old Horticultural hall with a first-class modern office building as soon as the Horticultural Society can remove into their new building, one year being given as a limit.

There is an uneasy feeling among bedding plants. As yet there is no call for them, and if as heavy a demand as usual does come, there are not enough goods to supply it. Disappointment seems inevitable and all hands are praying for the time-honored permission to choose the lesser of two evils.

B. T.

PHILADELPHIA.

Various Items.

The cut flower market is in very bad shape at present, there being a surplus of all kinds of flowers. It is almost impossible to sell anything but roses. There is little or no call for carnations or other flowers.

It looks very much as though Philadelphia was going to get rid of the flower fakir at last, as the police have received orders from headquarters "to start" them wherever seen and arrest them if they resist. The question is, What will become of the surplus stock?

Out-door valley is very plentiful this year, while the stems and bells are not so large as in former years. It sells from 1 to 2 cents. Cannas are again very scarce, which is due to the great numbers frozen out the past winter.

Griffin Bros., Frankford, Philadelphia, report the present season as being the best they have ever had in the history of their business. Bedding stock is their specialty.

Rupert Kienle, 12 South Seventeenth street, opened up his new store the past week. He will run it in connection with his old store for the present.

Chas. Fox, Jr., has opened a hotel in Atlantic City for the coming summer, which he will run in connection with his florist business in this city.

Pennock Bros. have their window very attractively decorated with wistaria blooms. It made a very good effect.

Prices: Beauties, \$1 to \$3 per dozen; Brides, Maids, Kaiserins, Golden Gate, Meteors, \$5 to \$6; Perles, \$3 to \$5; Liberty, \$8 to \$15; carnations, ordinary, \$1 to \$1.50; fancy, \$2 to \$2.50; daisies, \$1 to \$1.50; callas, \$6 to \$8; Harrisii, \$5 to \$6; mignonette, \$2 to \$3; sweet peas, 40 to 75 cents per 100; adiantums, 1 cent; asparagus, 50 cents; smilax, 20 cents

Visitors: We had for our visitors the past week Herman Steinhoff, West Hoboken, N. J.; Geo. Leadly, Detroit, Mich.; P. L. Carbone, Boston; S. Anderson, Buffalo, N. Y., and A. B. Ellsworth, Allentown, Pa.

NEW YORK.

Various Items.

New York weather has been having fun with the people lately; last week we were on the freezing point, and now we are basking in the 90th degree. The backwardness of the season has been playing havoc with the plantmen, and yet the cut flower end of trade has been unusually dull for the time of the year.

Summer conditions seem to have appeared very early this time, and the only reason apparent is the rush to Paris. Every boat leaving New York for Europe is packed with humanity on pleasure bent, and, of course, this takes away considerable of the best cut flower trade. The hot spell we are having is hastening the end of greenhouse flowers and hurrying forward such outdoor stock as peonies, etc. There are those who predict gloom in the fall on account of it being general election year, but the same amount of stock will be grown, whatever betide, and we must hope for the best.

Everybody is on the rush just at present with bedding plants. Whatever good stock gets to the auction rooms brings good prices, and down at the plant market the following prices prevailed on Saturday: Geraniums, \$1 to \$1.25 per dozen; verbenas, 50 cents; stocks, 50 and 75 cents; pansies, 25 to 50 cents a box of 25; nasturtiums, 50 cents; fuchsias, 80 cents to \$1; petunias, 60 cents; antirrhinums, \$1; ageratum, 65 cts; candytuft, 60 cents; coleus, 50 cents; roses, \$3 to \$4 per dozen. This stock all in pots. Roses were scarce and sold well. Some finely grown heliotrope is coming in, especially the sort known as Little Giant; it brings 75 cents and \$1 per dozen; double General Grant still leads in geraniums. Whatever good stock comes to this market at present sells well; but there is a large quantity of poorly grown things, and the

wonder is that they sell at all at any price. It is hard to imagine that the bad quality is produced by poor houses alone; small growers either grow too many kinds of plants or the varieties are poor. A good trade is expected for Decoration day.

In the cut flower markets Beauties bring \$10 to \$20; Brides and Maids, \$6 to \$8; Meteors, \$3 to \$6; Jacques, \$6, \$12 and \$20; Victorias, \$3 to \$8; Christys, Brunners, Nerons, Gloire de Paris and Baroness, \$10 to \$25; moss roses, 75 cents per bunch of 6 sprays; carnations, \$1 to \$2; outside valley sells well, \$7.50 to \$10 per 1,000; indoor valley, \$2; smilax, very plentiful, poor sale, 10 cents; lilac, \$1.50 per barrel; lilies, \$4 to \$5; gardenias, \$1.50 per dozen; extra grade narcissus, \$3; cattleyas, \$25 to \$30 per 100. These prices are obtainable only for the higher grades of stock. There is a vast quantity of poor quality, especially in roses, which is hard to dispose of at any price. Much of it is bundled off at from \$5 to \$7.50 per 1,000; immense quantities of soft stuff are coming in and whatever goes out brings from 5 to 15 cents per bunch.

There was quite a little crowd at the Florists' Club meeting on Monday night. Nothing very special happened. President O'Mara seems to have everybody on committees and much of the time was taken up in listening to good reports from same. The committee on sports reported that they had partly secured alleys and shooting grounds, and that Hitchings & Co. had offered a \$100 cup to be bowled for during the tournament. Some team will need a truck for the prizes. Wonder which it will be? Several questions were raised as to whether bowlers were compelled to be members of the S. A. F. or not, etc., which questions ought to be fully settled and at once by the National Bowling League. Gentlemen, don't leave disputes till the last moment; have an understanding at once, because there is pride, reputations — yes, and lots of other valuables at stake.

The convention meetings will be held on the same floor as the shows; there's room enough for all. The committee having charge of the horticultural exhibition has decided to have a manager to attend to the requirements of that section. Everything looks very bright for a rousing good convention. Manager Cleary reports space for trade exhibits is going very quickly, and requests all to make application as soon as possible, in order that exhibits may be properly prepared for and grouped. A very valuable souvenir of the convention is being prepared, which will be a splendid medium for advertising, and Chas. Weathered, 46 and 48 Marion street, this city, would like to get your adv. for it.

Daly Bros., of New Durham, N. J., exhibited a new pink geranium, a sport from Contrast; it appears to be a very good thing and the club's com-

mittee requested that it be shown again later in the season. Mr. Ebinger, of Boskoop, Holland, was an interested visitor at the meeting.

On May 9 the gentlemen interested in organizing the new Horticultural Society of New York met at the Berkeley Lyceum and decided to meet again a month from that date.

The monthly flower show of the Farmers' Institute was held at the same place and time, and Messrs. Roehrs, Lager and Hurrell and Siebrecht & Son showed pretty groups of orchids. C. W. Ward staged vases of his fine new carnation Governor Roosevelt.

There were few at the bowling alleys Monday afternoon and this is what they did:

Traendly ..	170	101	145
Hainer ..	124	149	138
Purns ..	142	139	141
Thellman ..	155	182	186
Roehrs ..	153	177	152
Manda ..	190	123	141
Butterfield ..	...	...	126
Donlan ..	...	...	115

J. I. D.

ST. LOUIS.

Market Conditions.

The street car strike the past week has thoroughly demoralized the cut flower trade, especially of the downtown stores. Even the fakirs complain that their business is dead and only a few are to be seen on the street corners.

The wholesalers are thoroughly disgusted the way the stuff has piled up. All kinds of flowers are now a glut, and anything like a settled price is, of course, out of the question. As to the staples, roses and carnations, it is useless to quote prices, as, the way the wholesalers put it, "any old price will buy them just now"—\$4.00 per 1,000 for carnations and \$1.00 per hundred for roses, and good stock at that, is considered a good price. Sweet peas are in fair demand; supply plenty; price, 25 and 50 cents per 100. To swell the already overloaded market comes outdoor valley, tulips and early red paeonies from the south; also some good iris and other truck is coming in every day.

The plant men at Union market also complain that the street car strike hurts their business. The past week, which should have been their best, was their worst week, and should the strike continue another week they claim they might as well close up their stands, as the season will soon be over.

Club Meeting.

The Florists' Club meeting on Thursday was poorly attended, owing to the strike. There were present two downtown florists, three from Belleville, one from Edwardsville, and two from South St. Louis, who came up in a wagon, and only two brought flowers for exhibition at our miscellaneous

flower show—a large bunch of mixed flowers by F. J. Fillmore, and a bunch of 25 very fine Mrs. F. Joost carnation by E. W. Guy, of Belleville.

The regular routine business was transacted and all committees were given until next meeting to make their reports. The meeting adjourned early. The miscellaneous flower show was postponed until the next meeting of the club, which will be held on Thursday afternoon, June 14. Three prizes will be offered for the best vase of cut flowers, \$5 for first, \$3 for second, and \$2 for third. The committee in charge of this is Messrs. Guy, Fillmore, and Schray, from whom information regarding the show may be obtained. We all hope by that time the street cars will be running, so we shall have a large attendance.

Notes.

W. D. K. Smith, representing the Dayton Folding Box Co., of Dayton, Ohio, called on the trade this week.

Phil Hauswirth, of Chicago, who was in town last week attending the Red Men's convention at East St. Louis, called on the trade Thursday evening, trying to find out when the bowlers were coming to Chicago. No definite answer could be given him, as nearly all our members are in bad shape just now and we fear that it will be some time next month before the trip can be made. Phil was so busy on the other side of the river that he did not have time to have a game of bowls with the boys. The contest between Phil and Degnan is watched with interest by the St. Louis bowlers.

The bowling club will have to postpone its regular bowling until the strike is settled, but no doubt by next Monday, our regular bowling night, the trouble will be over and the regulars will again be found at the alleys getting in shape for match games. Below will be found the averages of our April series:

	No Games	Total	Av.	H.	S.
C. A. Kuehn.....	21	3,393	162	227	
J. J. Beneke.....	16	2,575	161	219	
John Kunz.....	6	851	142	150	
F. C. Weber.....	4	565	141	149	
John Young.....	13	1,728	132	163	
J. J. B.					

CHICAGO.

The Market.

Market conditions are decidedly unsatisfactory. A stretch of burning hot weather has brought out an enormous supply, at the same time seriously deteriorating quality, and to make matters worse, what little demand there was has shrunk to exceedingly small proportions. Nothing seems to move and the quantity is greater than ever before seen in this market at this season. There are literally flowers to burn and evidently burning is what will have to happen to the great majority.

Roses show the effect of the heat more than the carnations so far and some of the specimens that reach the market are truly fearful and wonderful. An extreme case noted was some curious objects seen at Geo. Reinberg's. They were little sticks with what appeared to be a discolored pickled onion at the end. The foliage alone made it possible to believe that they were originally intended for American Beauties. Of course this is an extreme case, but all roses have suffered seriously in quality, and one dealer tells of getting only 80 shipping buds out of a thousand that he sorted over. Even the fakirs are unable to make a notable impression on the immense quantity of lower grade stuff and prices are anything the dealer can get rather than let a possible buyer escape.

At the same time there is really none too many roses of shipping grade and the dealer has to earn his money by a lot of careful work in sorting.

These conditions prevailed on Tuesday and that evening the temperature dropped 36 degrees in four hours. No doubt many were caught without fires and while the big burst of bloom may be checked, mildew will no doubt be rampant. Wednesday was comfortably cool only, but greenhouse stock without fire on Tuesday night must have suffered seriously, especially after having been almost roasted.

Unless the change in weather cuts supply down to a very marked degree there will be a great abundance of stock for Decoration Day.

There is a tremendous lot of fine lilac in the market as well as a great deal that is not so fine. But even the fancy goes begging for a purchaser. Peonies are in almost the same fix.

Various Items.

The hot weather has brought vegetation along with a jump and the parks and gardens are full of beauty. The red-bud is in bloom and in the hardy garden at Lincoln Park such natives as *Mertensia virginica*, the wild geranium, trilliums and dodecatheons are in full bloom.

McKellar & Winterson are continually enlarging their supply manufacturing department and are now making a sickle and sheaf on an easel decorated with grasses that is very handsome.

Local retailers who depend largely upon funeral work say the big strike in the building trades has very materially cut down business in their line, as money is now very scarce with the workmen.

Mr. E. R. Tauch, of Walter Retzer & Co., accompanied by his wife, sails from New York for Europe, June 9th, on the Graf Waldersee. He will visit England, France and Germany, and possibly Holland and Belgium.

Mr. August Jurgens, 150 Herndon St., has a house of fine plants of *Hydrangea Otaksa* in splendid bloom.

There are 6 to 9 fine heads of flowers on each plant.

The bowling match with the St. Louis boys has been indefinitely postponed, as they are unable to say when they can visit us. The local bowlers rolled a few games last Saturday and some good scores were made.

We learn that Walter Heffron is to leave his position with E. C. Amling July 1.

Arthur H. Luck, representing the Iowa Seed Co., Des Moines, Ia., is in town.

A regular meeting of the Florists' Club will be held at the usual place to-morrow (Friday) evening.

The bedding plant season is open and the plant men are hustling.

BALTIMORE.

Few lines are required to record the trade news of the week ending with this writing, May 14. The weather has embraced extremes of temperature from 32 to 91 degrees. Frost, with some destruction to garden crops, has been followed by a torrid wave, and the transition season is over and summer is upon us. The markets are full of hardy stuff, plants and flowers grown under sash, and the varied products of the greenhouse. Before the gardening fever has fairly stirred the amateur blood and incited to the plying of the spade and the hoe, that tired feeling accompanying the sudden elevation of the mercury has supervened and many intended schemes remain unexecuted.

Yet, notwithstanding the enormous supplies of flowers, trade continues quite brisk, and for the season, prices are maintained at, at least, fair figures. Good roses continue in demand, carnations are abundant, but first-class ones do not upset the market. Prices necessarily go down, but at last firing is over, or seems to be, and the cost of production is correspondingly lessened. Saturday was notably a good day all around.

Weddings continue to require many flowers, the ill name of May having little deterring influence. Halliday Bros. had a wedding decoration where peonias and blue and white flags were the flowers exclusively employed.

One of the more beautiful recherche and expensive wedding decorations of the season was furnished last week by William J. Halliday. No expense was spared, everything was ordered to be of the choicest character, and the most sumptuous gifts were bestowed upon the happy bride, but, strange to say, though both church and house were elaborately adorned for the ceremony and the following breakfast, no reporter "caught on," no description was given in the papers, no formal invitations were issued, and only about twenty-five persons were in attendance. The lady was averse to the usual publicity given to such events, opposed to the give-and-take system of wedding presents, and wished a beautiful service and decoration, without

the flare and glare which so often accompany the marriages of today. Her wishes were respected, and the preparations at the church and home were visions of delicacy and loveliness. Bride roses and asparagus were the predominating materials used at the house.

The sale of the plants of William W. Spence drew a crowd, but the prices realized were beggarly. Fine palms and other plants, which, as the advertisement truly declared, had received the care of a lifetime, went for a few dollars. Few of the trade were present; indeed, there was not much in the collection to attract them, and the great size of many of the specimens unfitted them for most amateurs' use.

It was a pleasure to see William H. Perot a purchaser of many of the orchids. This gentleman was for years the president of the Maryland Horticultural Society and by his spirit, zeal and influence promoted its activity and usefulness. At the very head of the merchant princes of Baltimore, esteemed for his commercial integrity and high sense of honor, he was an ardent lover of gardening in its every department. He not only admired plants, but had a nice and discriminating knowledge of them and of their cultivation and care, and the ability and disposition, as his many business cares permitted, to give time to their practical manipulation with his own hands. His collection of orchids was for a time the most extensive and valuable in this vicinity and his beautiful country place on Charles street was long and remains the local Mecca for all lovers of rare and fine trees, velvety lawns and well kept hedges.

Some splendid American Beauties sent last week by Henry Weber & Sons, of Oakland, Md., to the Florists' Exchange here might well make our local growers hide their diminished heads. The stems were three to three and a half feet long, the foliage absolutely perfect, no spot, no blemish, of texture like leather, and of dark, rich green color, and the blooms bright, large and faultless. Whether it is the mountain air or the skill of cultivation, they were models of floral beauty.

The firm of Fischer & Ekas, it is understood, is about to be dissolved. These young men have worked hard, gained a reputation for themselves and established a flourishing trade, notwithstanding some hard knocks of Fortune. Just on what lines the change will be made is not publicly known, but both have the good wishes of many friends in the trade in the change to ensue. RIX.

DAYTON, O.—Ritter & Co., the seedsmen, are preparing to build a warehouse at their greenhouses and will give up the city store, transacting all business from the office at the warehouse.

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Beauties, long.....	\$1.00 to \$1.00
" medium.....	2.00 to 3.00
" short.....	.75 to 1.00
	Per 100
Perle.....	3.00 to 4.00
Bride, Bridesmaid....	3.00 to 6.00
Meteor.....	3.00 to 6.00
Roses, our selection, ass't,	3.00
Carnations, extra se-	
lect fancy.....	3.00 to 4.00
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Mammoth Verbenas, rooted cuttings, large stocky plants, coming in bud just right for spring trade. Plenty of red and pink if wanted, 50c per 100; \$1.00 per 100. Heliotrope rooted cuttings, dark blue, \$1.00 per 100. Lobelia in bloom or without, 3-in., \$1.00 per 100. Begonia Vernon, \$1.50 per 100. Ageratum, blue, 8-in., in bud, \$1.00 per 100. Write for prices on larger quantities. Satisfaction guaranteed. Send for sample.

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CHESTNUT HILL HORT. SOCIETY.

At the regular monthly meeting of the Chestnut Hill Horticultural Society, the following premiums were awarded:

For calceolarias, to William Kleinheinz, gardener to P. A. B. Widener. For three ferns in not over 6-inch pots, to George W. Brown, gardener to Robert N. Carson. For three heads cauliflower, to William Robertson, gardener to J. W. Pepper; for three heads of lettuce, to John Little, gardener to John Lowber Welsh. For one bunch of asparagus of 25 stalks, to Harry Harris, gardener to Mr. Gratz.

First prize for rhubarb also went to William Robertson, while the premium for the best specimen palm was taken by George W. Brown. Mr. William Boyce, gardener to Randal Morgan, was awarded first for the best collection of vegetables, and Mr. Frank Gould, gardener to John T. Morris, was awarded the first premium for the best collection of herbaceous cut bloom. The following items were also of special interest: A collection of very fine double flowering wall flowers (*Cheranthus Chiri*), grown by Mr. Frank Gould; a grand vase of assorted roses, exhibited by Mr. Kleinheinz; specimen plant of *Weigelia* (*Eva Rathke*), in full bloom, exhibited by Messrs. Landreth & Sons. Mr. Robert E. Carey, gardener to Thos. C. Price, was also given notice for a handsome vase of mixed carnations, and Mr. Michael Punch, gardener to R. Le Bouteiller, was awarded special mention for a well flowered plant of *Maxillaria tenuifolia*. Another novelty, which was possibly shown for the first time in this country, was a small plant of *Edelweiss* (*leontopodium alpinum*), shown by Mr. Albert Knapper, of Frankford, Philadelphia.

Ten were admitted to membership and fourteen persons proposed. The society is going forward at a good pace, and every indication is that with the end of our first year we will have a fairly established society.

J. H. N.

NEW HAMPTON, IOWA—E. J. Springer is preparing to add some new glass this spring.

SPRINGFIELD, MASS.—At the meeting of the Springfield Amateur Horticultural Society, held May 4, committees were appointed for the rose show to be held next month. The exact date is not yet decided. Prospects for outdoor roses this spring are excellent.

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Cabbage! Cabbage!

10 acres of plants now ready. Leading varieties. \$1.00 per 1000; \$8.50 per 10,000.

LETTUCE, Boston Market, Tennis Ball, Curled Simpson, Grand Rapids and other varieties, 15c per 100; \$1.00 per 1000; \$8.50 per 10,000, if by mail, add 10c per 100.**TOMATO**, small plants for transplanting, in several varieties, 15 cts. per 100; \$1.00 per 1000.**PEPPER**, small plants for transplanting, in several varieties, 25 cts. per 100; \$2.00 per 1000, if by mail, add 10 cts. per 100.**EGG PLANTS**, New York Improved, for transplanting, 25c per 100; \$2.00 per 1000.**CELERY**, White Plume and Golden Self-Blanching, 15c per 100; \$1.00 per 1000.

Other Vegetable plants in season. Cash with order.

R. Vincent, Jr. & Son, White Marsh, Maryland.

Mention The Review when you write.

Are You Short On

Geraniums. We can supply you with the kinds that everybody wants. Fine 2½-in. plants, true to name, \$3.00 per 100; \$30.00 per 1000. **Rose Geraniums**, strong 2½-in., \$3.00 per 100. **Time Salerol**, strong 2 in., \$2.00 per 100.

Verbenas. Our 20th Century collection. Rooted cuttings all sold. Strong 2-in., ready May 15th, \$2.00 per 100.

Petunias. Dble. fringed, Henderson's and Dreer's latest sorts, including pure white, strong 2-in., ready May 15th, \$2.00 per 100.

25,000 2½ inch Roses, no finer stock grown. Brides, Perles, Meteors and Maids, \$3.00 per 100. Kaiserin and Golden Gate, \$4.00 per 100. Guaranteed satisfactory in every respect.

Ageratum, Princess Pauline, the only one to grow, \$1.00 per 100. Extra strong, 2½-in., full of cuttings, \$2.50 per 100.

Smilax, strong seedlings, 50c per 100; \$4.00 per 1000 by mail. Extra strong 2-in., \$1.25 per 100; \$10.00 per 1000.

Vincas. 500 large 4-in and 5 in. pot plants at \$1.00 per doz., to make room; strong 2½-in., 3c; strong 2-in., 2½c.

Marguerites, New California Giant White, strong, 2 in., \$2.50 per 100. New Golden, same price.

Asters. New Giant Comet (true), lavender, pink and white and pure white, strong 2-in., 2c.

Cash with order.

South Side Floral Co., Springfield, Ill.

Mention The Review when you write.

OTTO SCHWILL & CO.,

Florists

and Dealers in and Growers of Seeds.

Proprietors of Memphis Nursery. Are Headquarters for

SOUTHERN COW PEAS.

Established 1869.

Write for prices.

304 Front Street, MEMPHIS, TENN.

Mention The Review when you write.

JOHN B. FERGUSON,
Wholesale Florist,

444 Sixth Ave., PITTSBURG, PA.

LONG DISTANCE 'PHONE 2085.

We Command a Good Market.

Consignments Solicited.

Floral Fancies,
Language of Flowers,TWO NEW
ADVERTISING
SOUVENIRS
FOR THE
FLORIST.

Diffuse in poetry and sentiment. Of special interest to young people. Elaborate in designing, handsome and attractive. Inexpensive. Samples 4 cents in stamps.

DAN'L B. LONG, Publisher, Buffalo, N. Y.

Mention The Review when you write.

Cut Flower Exchange,

404 - 412 East 34th St., New York,

NEAR THE FERRY.

Open Every Morning at 6 o'clock for the sale of CUT FLOWERS.

Wall space for Advertising purposes to Rent.

J. DONALDSON, SECRETARY.

Mention The Review when you write.

EDWARD B. JACKSON,
Wholesale Florist.**HARDY HERBACEOUS PLANTS ONLY.**

In any quantity for the least money.

STAMFORD, CONN.

Mention The Review when you write.

Rose Plants
Good, Healthy Stock.**BRIDESMAIDS,**
KAISERINS,
BRIDES,

3-inch,
\$4.00 per 100;
\$35.00 per 1000.
2½-inch,
\$3.00 per 100;
\$25.00 per 1000.

Cash with order.

MARTIN A. MAGNUSON,

3309 N. Western Ave., CHICAGO, ILL.

Mention The Review when you write.

FLORISTS' PUBLISHING CO.....Caxton Building.....CHICAGO.

MADISON, N. J.

The regular meeting of the Morris County Gardeners and Florists was held at the Masonic Hall on Wednesday last, with President Duckham in the chair.

It having been decided at a previous meeting to proceed at once to the preparation of a schedule for the fall show, this was the main business of the evening. The president reported having secured the Madison Assembly rooms for the dates chosen, November 7 and 8. A schedule was next drafted, but cannot be completed until the June meeting, as the committee having this matter in charge are assiduously working up the special prize feature, and quite a few donors of prizes have yet to be heard from.

Among those already announced are a prize of \$50.00 offered by H. McK. Twombly, for 36 chrysanthemums in 6 varieties, 6 blooms of each; \$25.00 offered by D. Willis Jones, for 18 blooms in 3 varieties; and the "Fair Oaks" prize of \$10.00 for 12 blooms, from Mrs. G. F. Stone. Similar special prizes will be announced later for the plant group and rose classes, also for vegetables, and the interest already manifested is a happy augury of another successful show. H.

TOLEDO, O.

A hailstorm heavier than we have had for 15 years visited Toledo in the afternoon of Monday, May 7, causing heavy losses to the trade. S. M. Peck's Broadway greenhouses are almost a total wreck, as is also the downtown establishment of Imobers-tag Bros., comprising 6,000 feet of glass. Henry Krueger and H. A. Mills, of East Toledo, also suffered quite heavy losses.

At the other establishments the damage done was light, the heaviest part of the storm seeming to have followed the "Muddy Maumee" river.

No hail insurance was carried, but you bet there will be some lively hustling to get insurance. The hailstones averaged about the size of hickory nuts, but a few were found as large as small hens' eggs. Plants under the broken glass do not seem to have been seriously damaged.

The Walbridge Park conservatories were damaged considerably in the palm section. This structure was only built last summer. F. A. I. O.

MILWAUKEE.

On May 6 this city was a great bouquet of trailing arbutus. Women went to church with the pretty little flower nestling in their bosoms; men wore boutonnières of arbutus, and children toddled along, crumpling it in their chubby fingers. The flowers came from Rhinelander and Tomahawk and their distribution this morning marked the climax of a happy suggestion for arbutus day made by Lester A. Rose, secretary of the Advancement Associa-

VINCAS and DRACAENA INDIVISA. Fine Stock

Per 100	Per 100	Per 100	Per 100
Alternanthera, red and yellow, \$3.00 per 1000.....\$.60	Forget-Me-Not (Winter Flowering).....\$1.00	Geraniums, named.....2.00	Geraniums, named.....2.00
Achyranthes.....1.00	Fuchsia, assorted.....1.50	Mixed.....1.50	Mme. Brunt.....2.50
Anthemis Coronaria (Dbl. Yellow Marguerite).....2.00	" Sun Ray, variegated.....4.00	Mrs. Parker (Dble. Pink Silver Leaf).....4.00	German Ivy.....1.25
Ageratum, blue and white.....1.00	Trailing Queen.....1.50	Silver Leaf and Rose Scntd.....1.50	Heliotrope (purple & white).....1.25
" Princess Pauline.....1.25	Geraniums, named.....2.00	Mme. Sallerol.....1.25	Impatiens Sultan.....2.00
Alyssum (Double Giant).....1.00	Mixed.....1.50	Double New Life.....4.00	Lemon Verbena.....1.50
Begonia, Erfordii, Rex, Inc. Gigantia.....2.00	Mars and Freak of Nature.....2.00	Mrs. Pollock and Happy Thought.....2.00	Lantana, Trailing.....2.00
Coleus, fancy and large leaf.....1.00			Lobelia.....1.00
Coleus, mix. col., \$5 per 1000......80			Manettia, bicolor.....2.00
Verschaffeltii, yellow and selected kinds, \$7 pr 1000......80			Salvia.....1.25
			Stevia Var.....1.50
			Tandescantia (tricolor).....2.00
			Vinca Var., extra strong.....1.50
			Verbena \$7.00 per 1000......75

PLANTS

Per 100	Per 100	Per 100
Alternanthera, 2 1/2-in.....\$2.50	Fuchsia, 2 1/2-in.....\$4.00	Single Petunias, 2 1/2-in.....\$3.00
Anthericum, 3-in.....6.00	Geraniums, Mars, excellent plants.....8.00	3-in.....5.00
Abutilon Var., trail'g, 2 1/2-in.....4.00	S. A. Nutt, 2 1/2-in.....6.00	Palm, Washingtonia filefera, 2 1/2-in.....4.00
Begonia, Rex, assort., 2 1/2-in.....4.00	3-in.....8.00	Pansy Plants, \$8.00 per 1000.....1.00
" named, 4-in.....10.00	La Favorite, 3-in.....6.00	" " bud and bloom.....2.00
Coleus, 2 1/2-in.....3.00	Silver Leaf, 2 1/2-in.....4.00	Vinca, 2 1/2-in., \$3.00; 3-in.. 6.00
Dracaena Ind., ex. fine, 3-in.....10.00	Ivy Geraniums, 2 1/2-in.....4.00	3 1/2-in., \$3.00; 4-in.....10.00
3 1/2-in., \$15.00; 4-in.....25.00	Lemon Verbena.....6.00	5-in.....15.00
5-in., \$35.00 to.....50.00	Mignonette, 2-in.....2.00	Salvia, 2 1/2-in., \$3.00; 3 1/2-in.. 6.00
Forget-Me-Not (Winter Flowering), 2 1/2-in.....4.00	Manettia bicolor, 2 1/2-in.....4.00	

Terms Cash or C. O. D.

GREENE & UNDERHILL, Watertown, N. Y.

Mention The Review when you write.

FRESHLY IMPORTED ORCHIDS!!

We beg to announce that after three years of futile efforts, we have at last succeeded in collecting a grand lot of

Cattleya Percivalliana

plants, which we now beg to offer.

This beautiful cattleya has been up to the present the "missing link" in the chain of a continuous flowering season of cattleyas the year round. Cattleya Percivalliana ONLY will fill the gap left blank between Cattleya labiata and Cattleya Trianae, and will prove itself to be a welcome acquisition and an ideal Christmas Cattleya. Also the following, just arrived:

FINE PLANTS, WELL LEAVED AND FREE FROM ALL DISEASE.

Cattleya Mendelii, in good condition,
Cattleya Citrina, Cattleya Mossiae,
Laelia Majalis, L. Anceps, L. Autumnalis,
Epidendrum Vitellinum Majus,
Oncidium Tigrinum,

Odontoglossum Rosell Majus,
Dendrobium Phalaenopsis Schroederianum, D.
Formosum giganteum, D. Wardianum,
Vanda Coerulea.

Due shortly:—Laelia Anceps Alba and Oncidium Varicosum Rogersii.

Lager & Hurrell's ORCHID RENOVATOR, specially prepared by us, guaranteed to restore to health and vigor any kind of Orchid in a run-down condition. Instructions how to use it will be furnished with each order. Price, \$10.00 per 100 lbs.

LAGER & HURRELL, ORCHID GROWERS AND IMPORTERS, SUMMIT, N. J.

Mention The Review when you write.

GEO. A. KUHL, 23 Greenhouses. 60,000 feet of Glass. PEKIN, ILL.

Offers to the Trade.....

35,000 Young Rose Plants, No. 1 stock of following varieties: Am. Beauties, Perles, Woottons, Maids, Brides, Meteors, Belle Seibrecht, Golden Gate, etc., etc. We believe in shifting young roses often. All stock offered in 2 1/2-in. pots has been shifted from 2-in., and is equal to most stock advertised as 3-in., and when we send it out is well established. Send 50 cents or \$1.00 for sample of what you want.

GERANIUMS. We have 10,000 to 15,000 best bedders in Red, White, Pink and Salmon.

SALVIAS in 2 1/2-inch pots.

CANNAS. Six varieties, in quantities.

COLEUS. Rooted cuttings and 2 inch of Golden Bedder, Yellow Queen, Verschaffeltii and mixed.

HELIOTROPE in 4-inch pots.

HANGING BASKETS of Sprengeri and Boston Ferns.

...Write GEO. A. KUHL, PEKIN, ILL.

Mention The Review when you write.

FRESH FERN SPORES.

WE ARE HEADQUARTERS—Extra large package of fresh spores, sufficient for 3000 plants, with full cultural directions, postpaid for \$1.00. Collection of 12 distinct varieties, each separate, \$5.00.

EMERSON C. McFADDEN, - U. S. Exotic Nurseries, - SHORT HILLS, N. J.

Mention The Review when you write.

tion of the Wisconsin Valley. More than 30,000 bouquets freshly picked by the school children and women of the Wisconsin valley were shipped to the Milwaukee newspapers, by whom they were handed out to all who applied for them. There was no discrimination, the flowers being given to the largest possible number of people.

MARTIN'S FERRY, O.—Mrs. Francis McCord has purchased land upon which she will soon erect a greenhouse.

LEBANON, IND.—Mr. Paul Tauer, of Peru, who recently purchased Mr. Milger's greenhouses, has arrived and has taken possession.

Chrysanthemums.

A large list of the Best New and Leading STANDARD VARIETIES. Strong, healthy, vigorous plants, from 2-inch and 2½-inch pots. There are none better; most of our customers tell us there are none so good. Send for complete list.

The following CARNATION PLANTS.... still left:

GENEVIEVE LORD from sand, grand stock, \$10.00 per 100; \$75.00 per 1000.

AMERICA, GOMEZ AND MACEO \$5.00 per 100.

JOOST, PINGREE, \$2.50 per 100.

GOLD NUGGET, \$3.00 per 100.

H. WEBER & SONS,
OAKLAND, MD.

Mention The Review when you write.

Extra Strong METEOR ROSE PLANTS

2½-in. Pots, Now Ready.

Surplus stock from plants reserved for our planting, at the low price

\$2.50 per 100, **\$20.00** per 1000

Address **THE FLORAL EXCHANGE, Inc.**

Edgely, Bucks Co., Pa.

The home of the famous new Rose.

"The Queen of Edgely," PINK AMERICAN BEAUTY....

Mention The Review when you write.

CORRECTION.

Through a misunderstanding of instructions an error was made in the advertisement of Mr. S. Whitton on page 739 of our last issue. What Mr. Whitton wished was the omission of 2-inch pot plants of verbenas and the offer of rooted cuttings continued, whereas the cuttings were omitted and the plants continued. Mr. Whitton still offers mammoth verbenas, rooted cuttings, large and stocky, with plenty of red and pink, at 50 cents per 100 and \$4.00 per 1,000.

DENVER, COLO.

The following scores were made Tuesday, May 8:

	1st.	2d.	3d.	Ave.
Scott	170	203	198	190 1-3
Berry	154	216	168	179 1-3
Applegate	...	140	227	183 1-2
Maufr	...	...	157	157
Benson	171	119	173	154 1-3
Valentine	202	111	133	148 2-3

P. S.

OKLAHOMA CITY, OKLA.—The Oklahoma Floral Co. are building a carnation house 18x100. They have just finished putting in a private water system which gives them much better service.

FREMONT, OHIO.—A. S. Horn will build a new house 20x80.

NEW CARNATIONS.

We are now ready to receive orders for strong rooted CUTTINGS.....

GEN. MACEO..... } \$1 per doz., \$6 per
G. H. CRANE..... } 100, \$50 per 1000.
GLACIER..... }
MORNING GLORY..... }

GEN. GOMEZ..... } 75c per doz., \$5 per
MRS. G. M. BRADT } 100, \$40 per 1000.

WHITE CLOUD.... } 50c per doz., \$4 per
GOLD NUGGET... } 100, \$30 per 1000.

25 at 100 rate. 250 at 1000 rate.

We have Fine Large Stocks and will deliver only Fine, Strong, Well-Rooted Cuttings.

THE COTTAGE GARDENS, - QUEENS, N. Y.

Mention The Review when you write.

..ETHEL CROCKER..

30,000 Plants from soil for April and May delivery

Crocker has filled every claim made for it and is worth a trial by every grower who wants the Best Pink Carnation in the market. 25 for \$2.50; 100 for \$10; 250 for \$18.75; 1000 for \$75.

PANSIES

Freya and Fairy Queen.

Two good bedding novelties. Transplanted seedlings at \$1.00 per 100.

A few of my regular strain. Write for prices.

DWARF PETUNIA.

Adonis, carmine with pure white throat, and Snowball, a pure white. They are always in bloom and a good plant for retail. 25 of each for \$1.00, or \$2.00 per 100 from 2-inch pots.

ALBERT M. HERR, - Lancaster, Pa.

Mention The Review when you write.

Fine Stocky Plants

Alternantheras, yellow, \$1.50 per 100; red..... \$1.75
Oxalis floribunda, fine for vases..... 1.50

Geraniums, 12 var., fine plants, 2½-in. pots.. 2.75
3 3.75

Centaurea Gymnocarpa, 2-in. pots..... 2.00
Asparagus Sprengeri, May 15th..... 3.50
Asparagus Plumosus Nanus, June 1st..... 4.00
Smilax, 2-in. pots, May 15th, per 1000, \$8.00... 1.00
Primulas, 5 varieties, July 1st..... 2.00

CASH PLEASE.

JOS. H. CUNNINGHAM,

DELAWARE, OHIO.

Mention The Review when you write.

GERANIUMS.

S. A. Nutt, 4-inch pots, also Bruanti, at \$7.00 per 1000 with and \$6.00 per 1000 without pots.

CARNATIONS. 1000 R. C. White Cloud, \$25.00.

CANNAS. Bouvier and Crozy, \$8.00 per 100.

CRABB & HUNTER, Grand Rapids, Mich.

Mention The Review when you write.

Carnation Plants.

Large stock of plants from Soil

Ready for the Field.

Write for prices on what you want.

GEO. HANCOCK & SON, Grand Haven, Mich.

Always mention the Florists' Review when writing advertisers.

Carnations

STRONG WELL-ROOTED CUTTINGS. SELECT STOCK.

	Per 100	Per 1000
G. H. Crane.....	\$6.00	\$50.00
Morning Glory.....	6.00	50.00
Gen. Maceo.....	6.00	50.00
Glacier.....	6.00	50.00
America.....	5.00	40.00
Gomez.....	5.00	40.00
Mrs. Geo. M. Bradt.....	5.00	40.00
White Cloud.....	4.00	30.00
Mary Wood.....	3.00	25.00
Mrs. F. Joost.....	3.00	25.00

AND OTHER STANDARD SORTS.

F. DORNER & SONS CO.,
LA FAYETTE, IND.

Mention The Review when you write.

Extra Strong Plants of Joost, from Soil.

\$15 and \$20 per 1000, according to size.

Chicago Carnation Co., Joliet, Ill.

Mention The Review when you write.

BROWALLIA GIGANTEA,

2½-inch pots, \$3.00 per 100.

IVORY CHRYSANTHEMUM,

2½-in., strong plants, \$2.00 per 100, \$17.50 per 1000.

Mars Geranium, best standard for borders. \$1.00 per 100, \$35.00 per 1000.

Cash please. **HENRY EICHHOLZ, Waynesboro, Pa.**

Mention The Review when you write.

IMPORTANT.

Before ordering any goods anywhere send in your list of wants for lowest GUARANTEED prices.

F. W. O. SCHMITZ, Jersey City, N. J.

Mention The Review when you write.

COLEUS. ROOTED CUTTINGS.

Verschaffeltii, Golden Queen; assorted kinds, usual prices. **L. E. FOSTER, 45 King Street, Dorchester, Mass.**

Mention The Review when you write.

CLASSIFIED PLANT ADVERTISEMENTS.

Rate for advertisements under this head, 10 cents a line net, per insertion. New advs. and changes must reach us by Wednesday morning at latest to secure proper classification in issue of Thursday.

ABUTILON.

Abutilon, var., trailing, 2½-in., \$4.00 per 100.
Greene & Underhill, Watertown, N. Y.

ACACIAS.

Acacia Pubescens, 4 feet high, \$2.00 each; cash with order.
John Boll, 549 Fulton St., Jamaica, N. Y.

ACALYPHA.

Acalypha Marginata, 2½-in., \$4.00 per 100.
McGregor Bros., Springfield, Ohio.

ACHYRANTHES.

Achyranthes, rooted cuttings, \$1.00 per 100.
Greene & Underhill, Watertown, N. Y.
Achyranthes, 2½ cts. Cash please.
A. J. Baldwin, Newark, O.

AGERATUM.

White and blue from flats, \$1.50 per 100. Cash.
Chas. S. Dutton, 85 W. 12th St., Holland, Mich.

R. C., blue and white, \$1.00 per 100; Princess Pauline, \$1.25 per 100.
Greene & Underhill, Watertown, N. Y.

Ageratum Princess Pauline, the only one to grow. Extra strong, 2½-in., \$2.50 per 100.
South Side Floral Co., Springfield, Ill.

Ageratum, blue, 3-in., in bud, \$4.00 per 100.
S. Whitton, 15-17 Gray Ave., Utica, N. Y.

ALTERNANTHERA.

Alternantheras, rooted cuttings, red and yellow, 60c per 100; \$5.00 per 1000; 2½-in., \$2.50 per 100.
Greene & Underhill, Watertown, N. Y.

Alternanthera aurea nana, rooted cuttings, 60c per 100; \$5.00 per 1000, prepaid. Cash with order.
G. W. Weatherby, Chillicothe, Mo.

Alternantheras, R. Nana, A. Nana, P. Major, 2½ cts; R. C., 60 cts per 100; \$5.00 per 1000. Cash please.
A. J. Baldwin, Newark, O.

Alternantheras, fine, stocky plants, yellow, \$1.50; red, \$1.75 per 100. Cash please.
Jos. H. Cunningham, Delaware, O.

5000 alternantheras, large leaved, pink, 2½-in., \$2.00 per 100.
Morris Floral Co., Morris, Ill.

Alternantheras, red and yellow, 50c per 100; \$4.00 per 1000. C. Otto Schwabe, Jenkintown, Pa.

Red and yellow, \$3 per 100; \$25 per 1000.
Jno. G. Heini & Son, Terre Haute, Ind.

ALYSSUM.

1000 Alyssum, Giant Double White, \$1.00 per 100. Cash.
Mrs. E. A. Sprague, Box 124, Holly, N. Y.

Double Alyssum, from flats, \$1.50 per 100.
Chas. S. Dutton, 85 W. 12th St., Holland, Mich.

Alyssum, dwarf and giant, 2½-in., \$2.00 a 100. Cash with order.
J. Ambacher, Long Branch, N. J.

500 Sweet Alyssum, Little Gem, very strong plants, all blooming, \$2.00 per 100. Cash please.
John Loehrer, Boone, Iowa.

Double giant, \$1.00 per 100.
Greene & Underhill, Watertown, N. Y.

Sweet Alyssum, 2-in., \$3.00 per 100.
McGregor Bros., Springfield, Ohio.

ANTHERICUM.

3-in., \$6.00 per 100.
Greene & Underhill, Watertown, N. Y.

AQUATIC PLANTS.

American Lotus, \$2.50; Egyptian Lotus, \$3.00; Japan Lotus, \$6.00 per doz. Pink, white and yellow hardy Nymphaeas, \$3.00 per doz. Geo. B. Moulder, Lily Park, Smith's Grove, Ky.

ARAUCARIAS.

Araucaria excelsa, 2½-in. pots, 2 to 3 tiers, \$16.00 per 100; 3-in. pots, 6 to 8 in., 3 tiers, \$20.00 per 100. F. Ludemann, Pacific Nursery, San Francisco, Cal.

ASPARAGUS.

Sprengerl, 2½-inch, extra strong, \$5.00 per 100; 3-inch, extra strong, \$7.00 per 100; 4-inch, very fine, \$1.75 per doz.; 5-inch, very fine, \$2.50 per doz. Our Sprengerl are extra heavy stock with sprays a foot or more in length and should not be compared with young stock usually sent out.

The Calla Greenhouses, Calla, O.

Asparagus Sprengerl, strong field-grown clumps of all sizes at low figures. Asparagus plumosus nanus, strong bushy plants from 2½-in. pots, \$4.00 per 100.

B. H. Ritter, Port Royal, S. C.

Plumosus nanus seed (home grown), \$1.00 per 100 seeds; \$9.00 per 1000 seeds. Sprengerl, new crop, 75c per 100 seeds; \$6.00 per 1000 seeds.

Henry F. Michell, 1018 Market St., Philadelphia, Pa.

A small lot of Asparagus Sprengerl seed, 50c per 100; \$4.00 per 1000. H. H. Berger & Co., 47 Barclay St., New York.

Asparagus Sprengerl, May 15, \$3.50 per 100. A plumosus nanus, June 1, \$4.00 per 100. Cash.
Jos. H. Cunningham, Delaware, Ohio.

Asparagus plumosus nanus, ready for 10-in., \$35.00 per 100. Florists' Supply Co., Box 56, No. Tonawanda, N. Y.

11,000 Asparagus plumosus, from flats, \$2.00 per 100; 1000 from soil, 7-in., \$20.00 per 100.
Morris Floral Co., Morris, Ill.

Sprengerl, 2½-in., \$3.50 per 100; \$30.00 per 1000. John A. Doyle Co., Springfield, O.

Asparagus Sprengerl for hanging baskets. Write Geo. A. Kuhl, Pekin, Ill.

Plumosus, fine, 5-in. pots, \$4 per doz.
Jno. G. Heini & Son, Terre Haute, Ind.

ASTERS.

Asters, in pots, \$4.00 per 100. Victoria and Truffauts, mixed; Semple's, 5 colors; Giant Comets, 4 colors.
J. B. Shurtleff, Jr., Revere, Mass.

Asters, new giant comet, lavender, pink and white and pure white, strong 2-in., 2c.
South Side Floral Co., Springfield, Ill.

Semple's Asters, 4 colors, strong plants, 100 for 40c; 300 for \$1.00; 1000 for \$2.50.
E. A. Wallis, Jenkintown, Pa.

Semple's Asters, 75,000 strong plants, \$3.50 per 1000; \$8.00 per 2500. Florists' Supply Co., Box 56, No. Tonawanda, N. Y.

AZALEAS.

Azalea Amoena, one of the choicest hardy, dwarf shrubs. Rooted cuttings, \$4.00 per 100 by mail; \$25.00 per 1000. From thumb pots, \$5.00 per 100; 3½-in. pots, \$12.00 per 100. Samuel C. Moon, Morrisville, Bucks Co., Pa.

BASKET AND VASE PLANTS.

Double Nasturtium. A very striking, double flowering, trailing plant, especially adapted for vases, window boxes, hanging baskets, rustic boxes, rock work; any place where trailing plants can be used it is indispensable. A free and vigorous grower, and continues to bloom the entire summer; the flowers are 3 inches or more in diameter, and are perfectly double; of a bright yellow, with a rich crimson feathered blotch at the base of each petal. The lovely shade of yellow gives them a charm that few flowers possess, and for cut-flowers, where yellow is wanted, they have no equal. Strong plants, from 2½-in. pots, \$4.00 per 100; \$35.00 per 1000.
Chas. Limmer, Cobleskill, N. Y.

Mexican primroses, good for vases, \$3.00 per 100.
McGregor Bros., Springfield, Ohio.

Maurandya Vine, rosea and alba, just what you want for baskets and vases, 3 cts. Trailing Lantana, 2½ cts. Gnaphalium, fine for baskets, etc., 2½ cts. Vinca Major, white leaf, 2½-in., 2½ cts. Tradescantia, Multicolor and Giant Sweet Alyssum, 2 cts; R. C., 75 cts a 100. Cash please.

A. J. Baldwin, Newark, Ohio.

Russella elegantissima. Grand new graceful basket or vase plant, rapid grower, always in bloom. Strong 2½-in. pot plants, 75c per doz.; \$4.50 per 100.

The Calla Greenhouses, Calla, Ohio.

BEDDING PLANTS.

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The Van Reyper Perfect Glasiers' Points. No rights or lefts. Price per box of 1000, 60 cts.; by mail, 75 cts.; in lots of 5000 by express 55 cts. per 1000. Henry A. Dreer, 714 Chestnut st., Philadelphia, Pa.

Glass for Greenhouses, Graperies, Conservatories and Hot-Beds. French and American Glass. Van Horne, Griffen & Co., 40 to 43 Vestry St., New York.

Every florist ought to insure his glass against hail. For particulars address John G. Esler, Sec'y, Saddle River, N. J.

We make special greenhouse putty. Price on application. Lord & Burnham Co., Irvington-on-Hudson, N. Y.

Importers and jobbers of greenhouse glass. Wheeler-Stenzel Co., 72 Sudbury st., Boston, Mass.

Send for Lucas on Glass. Four pamphlets tell all about it.
 John Lucas & Co., Philadelphia, Pa.

Greenhouse glass a specialty. Sprague, Smith Co., 207-209 Randolph st., Chicago.

Greenhouse glass. Benjamin H. Shoemaker, 206 to 211 No. Fourth st., Phila., Pa.

INSECTICIDES.

TOBACCO STEMS, the good, strong kind only, 60 cts. per 100 lbs.; bales 450 lbs.

TOBACCO DUST, the black stuff, 2 cts. per lb.; 50 to 1000 lbs.

H. A. Stoothoff,
 116 West st., New York City.

Bordeaux Mixture. Now is the time to spray. Put up in lacquered 1-gallon cans, \$6.00 per doz. Sample can, 50c. Sprayers. The new Star Sprayer (tin), 50 cts. The new Imperial Sprayer, glass and tin, 75c.
 Glenside Chemical Co., Glenside, Pa.

Nikoteen. Does not injure the most sensitive plants. Endorsed by prominent florists. Used for fumigation or spraying, indoors or out. 200 lbs. of tobacco in one pint of Nikoteen. Sold by seedsmen. Circular free.
 Ekabcura Dip Co., Chicago.

Slug Shot kills insects on currants, etc. In use since 1880. Is effective and safe to use. Sold by seedsmen everywhere. Send for free booklet on bugs and blights to B. Hammond, Fishkill-on-Hudson, N. Y.

Nicomite (patent) Vapor Insecticide. A certain killer of insect pests. Sold by seedsmen. Tobacco Warehousing and Trading Co., Louisville, Ky.

TOBACCO STEMS, the good, strong kind only, 60 cts. per 100 lbs.; bales 450 lbs.

TOBACCO DUST, the black stuff, 2 cts. per lb.; 50 to 1000 lbs.

H. A. Stoothoff,
 116 West st., New York City.

PIPE AND FITTINGS.

Wrought iron pipe, valves, fittings, etc., for steam and hot water; rubber hose, pumps and well points.

Wm. H. Kay, 42 Day st., New York.

Full line of pipe and fittings. Send for latest prices. S. P. Conkling, 20 East Atwater St., Detroit, Mich.

Iron Pipe and Fittings. Rundle & Spence Mfg. Co., 63 Second St., Milwaukee, Wis.

Iron Pipe and Fittings for florists.
 The Kelly & Jones Co., Pittsburg, Pa.

POTS.

Standard Pots. We are now ready to supply a superior quality of Pots in unlimited quantities. Catalogues and price-lists furnished on application.

A. H. Hews & Co., North Cambridge, Mass.

Standard Flower Pots. If your greenhouses are within 500 miles of the Capitol, write us; we can save you money. W. H. Ernest, 28th and M Sts., N. E., Washington, D. C.

Flower Pots of all kinds. Standard Pots a specialty. List and samples free. Swahn Pottery Mfg. Co., Box 78, Minneapolis, Minn. Factory, Marshall and 25th Ave., N. E.

Standard Flower Pots. If you need pots write for our prices before you order. We guarantee safe delivery. Wilmer Cope & Bro., Lincoln University, Chester Co., Pa.

Red Standard Pots, wide bottoms, well burned and porous. Reduced prices.
 Harrison Pottery, Harrison, Ohio.

Flower Pots. Before buying write us for prices. Geo. Keller & Son, 361-363 Herndon St. (near Wrightwood Ave.), Chicago.

For the best Plant Tubs, address Mann Bros., 6 Wabash Ave., Chicago.

POT HANGERS.

Krick's Flower Pot Hanger. Just the thing to display your plants by hanging them on the walls, etc., especially when crowded for room. No. 1 will fit 2 to 5-in. pots, 30c per doz.; No. 2, 5 to 8-in., 40c per doz.; No. 3, 8 to 12-in., 50c per doz. Sample pair, 10c postpaid. W. C. Krick, 1287 Broadway, Brooklyn, N. Y.

PUMPS.

The Kinney Pump. For applying liquid manure it has no equal. Sent prepaid for \$2.50. Without spraying valve, \$2.00. Address The Hose Connection Co., Kingston, R. I.

RAFFIA.

When in want of Raffia, write Jacob & Allison, Importers, 63 Pine st., New York.

SPHAGNUM MOSS.

We are headquarters for Sphagnum. Just received several carloads.

Per bale, \$1.00
 Six bales, \$5.00.
 Ten bales, \$7.50.

Write for prices on large quantities.
 McKellar & Winterison, 45, 47, 49 Wabash av., Chicago.

We gather our moss and it is the best to be had. Bales, 4 1/2 feet long, 13 inches wide and 20 inches deep, weighing when well dried 40 lbs., 50 cents per bale; 10 bales, \$7.00. Green moss, \$1.00 per bbl.
 Z. K. Jewett & Co., Sparta, Wis.

SUPPORTS.

Tendrils for wire supports to roses and carnations. Hold plants firmly but with freedom. Write to H. Thaden & Co., 23 So. Broad st., Atlanta, Ga.

Wire rose stakes. H. F. Littlefield, Worcester, Mass.

WIRE WORK.

C. A. Kuehn, 1122 Pine st., St. Louis, Mo., manufacturer of the Patent Wire Clamp Floral Designs. A full line of supplies always on hand. Write for catalogue.

We are headquarters for Wire Work.
 McKellar & Winterison, 45, 47, 49 Wabash ave., Chicago.

Reed & Keller, 123 W. 25th st., New York, Manufacturers of Wire Designs.

UTICA, N. Y.

The Syracuse florists paid us a return visit last week and we entertained them to the best of our ability, though we couldn't permit them to win at bowling. The visitors were: Charles Fox, David Campbell, I. B. Terry, F. F. Dunn, H. Bishop, William Dow, Charles Smilie, Albert H. Davies, R. H. C. Bard, George Ham and Joseph Huller.

They were met by a delegation of Uticans and taken to Crowe's greenhouses, where they were shown around. Shortly after 6 o'clock they were conducted to Maennerchor Hall, where Caterer Bodmer served a banquet of five courses at 7 o'clock. The tables were literally buried under the weight of flowers and the air laden with their fragrance. After enjoying the good things to eat and drink the company adjourned to the alley.

In the three games the Uticans won out by 129 pins. The scores follow:

UTICA.			
	1.	2.	3. Total.
Spencer	105	127	108 340
Pfeiffer	126	150	106 382
W. Mathews	66	137	79 282
H. Mathews	99	106	136 341
Somers	119	109	105 333
Baker	103	132	160 395
P. Crowe	117	103	86 311
C. Mathews	148	179	97 424
Kaufer	91	115	90 296
Hiltebrandt	138	114	102 354
Rowlands	97	109	137 343

Total .. 3,801

SYRACUSE.			
	1.	2.	3. Total.
Fox ..	100	108	90 307
Campbell ..	94	116	142 352
Terry ..	98	97	109 304
Dunn ..	98	116	112 326
Bishop ..	110	117	100 327
Dow ..	168	125	104 397
Smilie ..	121	102	149 372
Davis ..	121	101	114 336
Bard ..	118	102	102 322
Ham ..	94	110	99 303
Huller ..	104	112	110 326

Total .. 3,672

CROWE.

GRAND RAPIDS, MICH.

We are experiencing a chunk of torrid weather, warm enough to bake a Hottentot; it takes the water this weather to keep things wet. Most of the florists have their carnations planted; a few nights were frosty enough to injure a great many on low land. Prices remain about the same and most folks find it too hot to even die and thereby provide an outlet for surplus funeral flowers.

Mr. and Mrs. Wasserman, of Muskegon, spent Sunday in the city. They report Easter trade excellent; over 50 per cent better than last year.

G. F. CRABB.

CAPE VINCENT, N. Y.—The Cleveland Seed Co. is planning to erect a warehouse 40x180 feet and four stories high, on the west of the property recently purchased of Stephen Hosmer of Avon. The building will have facilities for cleaning and storing large quantities of beans.

Always mention the Florists' Review when writing advertisers.

WASHINGTON, IA.—E. C. Keck has added a new house and made improvements in other directions.

CHESTER, PA.—The firm of Col-flesh, Titlow & Co., florists, have dissolved partnership.

CAMDEN, N. J.—L. M. Mowers, the florist, was burned out here in the big fire May 13. His loss is estimated at \$3,000.

BURLINGTON, WIS.—The Burlington Floral Co. are building a new greenhouse 25x160 feet on Pine street. The officers of the company are A. Helfrich, president; F. Mueller, vice-president, and M. Helfrich, treasurer.

SACRAMENTO, CAL.—The annual floral parade exceeded all expectations and was a wonderfully beautiful pageant. On the first prize float a young lady symbolizing California rode in a floral bell with butterfly fairies floating on golden wings.

ROCHESTER, N. Y.—Frank F. Paine, the Florist, committed suicide by hanging himself, May 6th, in his barn on the Stone road, about a mile south of the village of Charlotte, under circumstances which make his family think him to have been temporarily insane. His affairs were all prosperous, and he was as cheerful as usual, and no motive, so far as can be found, existed for the deed. Mr. Paine was 45 years of age. He leaves a widow, daughter, and one brother in this country, besides several brothers in Canada.

IF YOU HAVE any surplus stock to sell offer it in our classified advs. The cost is slight and your offer will come under the eyes of all possible buyers.

WANT ADVERTISEMENTS.

Advertisements under this head 10 cents a line, an average of seven words to the line.

SITUATION WANTED—By young man, sober and reliable; experience in cut flowers, bedding plants, etc. Address Wm. Holey, Gen'l Delivery, Troy, N. Y.

FOR SALE—At once—Four acres, two dwellings, barn, eleven greenhouses, 18,000 feet d. a. glass; in a thriving town of 30,000 inhabitants; good shipping trade and local market; \$3,000.00 cash, balance on time. Address E. Haentze, Fond du Lac, Wisconsin.

WANTED—Experienced man for teas and mum stock to work under foreman. Salary \$25.00 and board per month to begin with. Poehlmann Bros., Morton Grove, Ill.

WANTED—Working foreman, thoroughly competent, steady and sober; must have good reference; no other need apply. Write us, stating experience, etc., and salary wanted, at once. Greene & Underhill, Watertown, N. Y.

WANTED TO RENT—A place in good condition of from 400 to 500 feet of glass. Address Scotch, care of Florists' Review.

WANTED—A few good men as assistant rose growers and helpers. Apply to Bassett & Washburn, Hinsdale, Ill.

SITUATION WANTED—As foreman by a practical grower of roses and carnations. Address Foreman, care of Jas. McSorley, 710 Besterly Street, Richmond, Va.



Bay Trees!

IN
ALL
SIZES.

PYRAMIDAL

...OR...

STANDARD FORM

Bobbink & Atkins,

RUTHERFORD, N. J.

Mention The Review when you write.

FOR SALE at a sacrifice.

STOCK OF FLOWERS AND SIX GREEN-HOUSES with latest improvements, steam heat, etc.; opposite cemetery; large ground fronting main street in prosperous town close to Chicago; street car passing the door; best opportunity to secure excellent investment and well-paying business. Reason for selling owner going to Europe.

S. SCHALLMANN & CO.,
Room 1204, 138 Washington St., CHICAGO.

FOR SALE!

THE MORRIS FLORAL CO.,
At MORRIS, Illinois,

61 miles west of Chicago, doing a retail and wholesale business. Incorporated 1897. Doing a business that increased every year; increase of business over 1899 was \$1,282.61 up to April 1, 1900. Reason for selling: A. Mitting, present secretary and manager, retiring, and there is no one else in the company who understands the florist business. The plant, with 2 houses, barn and 6 acres of land, cannot be built for \$20,000 to-day. If you mean business, come and see it. Terms, \$3,000 cash, balance good paper. For sale to the highest bidder. All bids will be opened on July 1st by the directors.

A. MITTING, Secretary.
Morris, Ill., May 15, 1900.

Mention The Review when you write.

FOR SALE.

240 acres of land on Isthmus of Tehauntepec, State of Vera Cruz, Mexico.

For full particulars write

ROLAND HUGHES,
846 New York Life Bldg., KANSAS CITY, MO.

FOR SALE.

A fine farm of 439 acres of rolling land, under cultivation. A fine dwelling, good water, plenty of fruit trees. An excellent opportunity. Write for particulars. Price \$5,500 00.

A large plant situated in a large town in Ohio. 60,000 feet of glass. A modern place fully equipped and stocked. Three dwellings; city store, furniture and equipments. Reasons for selling and price will be furnished on application.

Any of the above named properties is a bargain and those desiring to purchase will do well to communicate with us. These are only a few of the properties that we have for sale and leasing.

SMITH & SMITH, 345 Sixth Ave., PITTSBURG, PA.
P. O. Box 869.

Mention The Review when you write.

BEWARE OF SAP in Cypress lumber for Greenhouse material.

A little sap in lumber to be used for interior finish in dwellings won't hurt. But in greenhouse material it is a FATAL defect.

The moisture inside the greenhouse makes the difference.

The sappy piece is the first to decay and is the weak link in the chain.

We can't afford to have any weak spots in our material.

We want permanent customers, which means satisfied customers.

We can make you a permanent customer.

Your first order is our opportunity.

May we have it?

Write us about it.



Mention The Review when you write.

High Grade BOILERS

Get our Catalogue.

For GREENHOUSES.

STEAM AND HOT WATER.

GIBLIN & CO., Utica, N. Y.

Mention The Review when you write.

DES MOINES, IOWA.

Outdoor lilacs, crab apple blossoms and wild flowers from the woods knocked the stuffin' out of the flower trade here last week. It was the worst week since Easter.

The ladies have been housecleaning, painting, papering, etc., getting ready for the National Congress of Mothers next week, and no big functions have come off, although an occasional funeral has kept us from utter despair. We hope to make up for the dullness by the expected extra demand during the congress, as many social events are planned for that occasion.

June wedding orders are already being booked, SENEX.

WASHINGTON C. H., OHIO—Ed. Helfrich, manager of the Washington Floral Gardens, is building a new house 25x100.

BEAVER FALLS, PA.—The greenhouse of Louis Sutter was badly damaged by fire May 7. Incendiarism is suspected.

Burpee's Seeds Grow

Mention The Review when you write.

Mention The Review when you write.

"NICOMITE"

(PATENT)

Vapor Insecticide

POWDER.

No labor required. Harmless to bloom and foliage. A certain killer of ALL GREENHOUSE BUGS. SOLD BY SEEDSMEN.

The Tobacco Warehousing and Trading Co. LOUISVILLE, KY.



THE FLORISTS' REVIEW

G. L. GRANT, EDITOR AND MANAGER.

PUBLISHED EVERY THURSDAY BY

THE FLORISTS' PUBLISHING CO.

520-535 Carlton Building, Chicago.

334 Dearborn Street.

Subscription, \$1.00 a year. To Europe, \$2.00. Subscriptions accepted from those in the trade only.

Advertising rates: Per inch, \$1.00; 1/4 page, \$12.50; full page, \$27.00. Discounts: 5 times, 5 per cent; 12 times, 10 per cent; 25 times, 20 per cent; 52 times, 30 per cent. Discounts allowed only on consecutive insertions. Only strictly trade advertising accepted. Advertisements must reach us by Tuesday to insure insertion in the issue of the following Thursday.

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Greenhouse Material

Of Clear Louisiana Cypress and California Red Cedar

BEST GRADES.

PERFECT WORKMANSHIP.

A. DIETSCH & CO.,

615 to 621 Sheffield Ave., CHICAGO, ILL.

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RED Pots

Tobacco Stems 1C per lb.

Standard Size,
Wide Bottoms,
At Right Prices.Sample Pot and
List Free.....

Fresh from factory. Sales run from 250 to 300 lbs. each.

Send for our Illustrated Catalogue of all Supplies and Wire Work.

C. C. POLLWORTH CO.....MILWAUKEE, WIS.

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Commercial Plants

Their Propagation and Culture.

By GEORGE W. OLIVER, Propagator to the U.S. Botanic Garden, Washington, D. C., and late of the Royal Botanic Garden, Edinburgh.

A Working Hand Book of Every-day Practice for the Florist or Gardener, and those who intend to grow plants and flowers, in the greenhouse or garden, as a means of obtaining a livelihood. Each and every article is written in concise, simple language, and embodies wholly and solely the experiences of the writer.

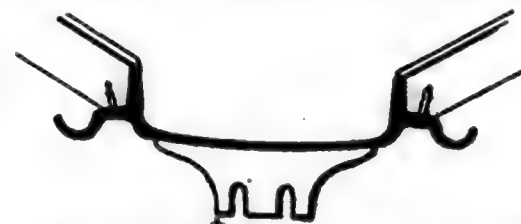
The plants dealt with comprise those which are commercially handled by Florists, Gardeners and Nurserymen, and include **Florists' Flowers, Stove and Greenhouse Plants, Hardy Herbaceous Plants, Annuals, Shrubs, Hardy and Tender Vines**, and a chapter on miscellaneous subjects in connection with the above.

This reliable cultural book has been gotten up for use not ornament, therefore the price has been fixed at a figure within the reach of all, while it contains more real practical information for those for whom it is intended than is to be found in much more pretentious works costing ten and twenty times as much money. Strongly bound to stand rough handling and plenty of it. **Price, \$1.00 by mail, postpaid.**

N. B.—The book is now in preparation, and as we expect a large sale for it we would take it as a favor to have your order in advance, and you can remit when notified that the book is ready.

THE FLORISTS' EXCHANGE, 2 to 8 Duane St., New York.

Mention The Review when you write.



Send for Catalogue.

IRON BENCH FRAME AND GREENHOUSE FITTINGS.

Improved Cast Iron Gutter.

Greenhouses erected with our Patent Iron Construction.

JENNINGS BROS., Olney, Philadelphia, Pa.
Mention The Review when you write.

STEAM AND HOT WATER HEATING

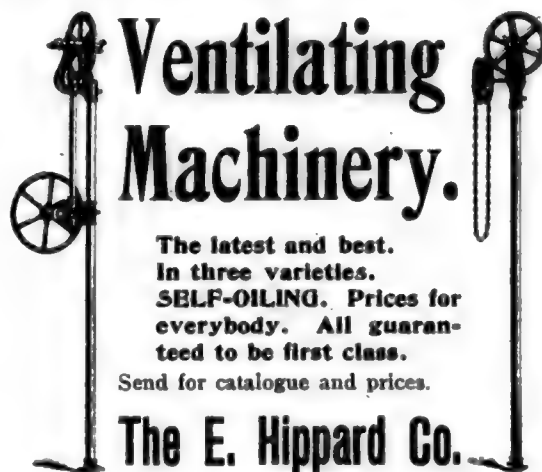
Perfectly Installed by

H. W. GIBBONS, 136 Liberty Street, NEW YORK.

Expert Advice and Plans Furnished.
Catalogues 4 Cents.THE REGAN
...PRINTING HOUSE...Nursery.....Catalogues
Seed.....
Florists'.....

87-91 Plymouth Place, Chicago.

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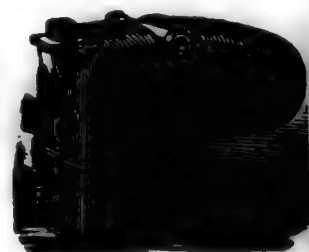
The latest and best.
In three varieties.
SELF-OILING. Prices for
everybody. All guaran-
teed to be first class.

Send for catalogue and prices.

The E. Hippard Co.

YOUNGSTOWN, OHIO.

Mention The Review when you write.



HITCHINGS & CO.

233 MERCER ST. NEW YORK.

GREENHOUSE BOILERS

PIPES, FITTINGS AND VENTILATING APPARATUS

Send Four Cents for Catalogue.....GREENHOUSE BUILDING

Mention The Review when you write.

THE FLORISTS' MANUAL.

After reading Mr. Wm. Scott's Manual, we wish to say that we consider it without equal as a book of reference for busy florists.

GEORGE M. KELLOGG.
Pleasant Hill, Mo.

Mr. Scott's superb work, "The Florists' Manual," was indeed worth waiting for. When compared with the amount of practical information it contains, the selling price, \$5.00, seems a mere bagatelle.

Oakland, Md. H. WEBER & SONS.

It is the best book of the kind ever published. There is more in it than in any other book I have ever seen. I am delighted with it.

Chicago. JOHN THORPE.

The copy of the "Florists' Manual" was duly received. I am very well pleased with same. The more I read it the better satisfied I am with it, and there are one or two articles alone in it that are each worth all you ask for the book, for everything is made so plain and all details are right to the point. I trust you may have a good and ready sale for the same.

North Adams, Mass. M. S. WORDEN.

The only fault to be found with it is when you get reading it the midnight oil is liable to run low and you have to go on to gas or reluctantly break off, either going to bed or first taking a look over the houses to see if the temperature tallies with the Manual.

Hartford, Conn. GEO. S. OSBORN.

We are in receipt of "The Florists' Manual," by Mr. Scott, and may say it is the right book for the florist, published at the right time. It is what we all need.

Rutherford, N. J. BOBBINK & ATKINS.

Am much pleased with the Manual. It is just what I have been looking for. Something that we can understand, and enjoy reading.

Etna, Pa. M. NAUMAN.

I am very much pleased with the Manual. It is just what we have needed for a long time.

Milwaukee, Wis. N. ZWEIFEL.

It is certainly a neat and handsome book and does you credit.

Fishkill-on-Hudson, N. Y. BENJAMIN HAMMOND.

It is a work of art and should be in the hands of all live florists. Its useful and instructive contents cannot fail to be a benefit to all in the trade.

Milwaukee, Wis. C. C. POLLWORTH CO.

I greatly appreciate the Florists' Manual. It is a splendid text-book.

Germantown, Pa. JOHN WELSH YOUNG.

The Florists' Manual is worth five times the price. It is just what a busy florist wants.

Columbus, O. B. BUEHLER & SON.

Am well pleased with the Manual. It is a practical, everyday helper, concise and to the point.

Milwaukee, Wis. W. A. KENNEDY.

Am very much pleased with the book; it is very handy for reference.

Macomb, Ill. F. E. BONHAM.

Unlike so many of our books, it has the very flavor and essence of actual experience.

Ithaca, N. Y. L. H. BAILEY.

We find the book very useful as a reference in answering the many questions about plants that we receive almost every day.

Philadelphia. JOS. KIFT & SON.

We have gotten much valuable instruction from the Florists' Manual and prize it highly.

Franklin, Tenn. TRUETT BROS.

The Florists' Manual is a gem. No florist can afford to be without it.

Madison, N. J. A. J. BAUR.

If everyone has enjoyed your book as I have it's a successful publication. It is different from our usual horticultural works, being plain and concise—just what one wants.

Flushing, N. Y. H. D. DARLINGTON.

I am more than pleased with the Florists' Manual.

Cape May City, N. J.

OTT BROWN.

Manual to hand. Am well satisfied that it is the best work of its kind ever published.

Joliet, Ill.

JAS. HARTSHORNE.

No progressive florist, old or young, can afford to be without the Florists' Manual. The old florist needs it, for reference, to aid a defective memory, and the young florist wants it as a guide in this progressive era of the florist's business.

Davenport, Ia.

J. T. TEMPLE.

The Commissioners of Parks and Boulevards some time since directed that a library be started of such books as deal with subjects pertaining to park work, and to that end an order has been given for a number of books, among which is your "The Florists' Manual."

After reading this book carefully, I am greatly pleased, and wish to congratulate you on the practical manner with which you have treated the subject.

The book is placed where it will be accessible to all of our greenhouse employees, where this board expects to reap a reward many times the cost of the book. Respectfully yours, COMMISSIONERS OF PARKS AND BOULEVARDS, R. J. CORYELL, Gen'l Sup't.

Detroit, Mich.

The book is written for the working gardener, and Mr. Scott's reputation is so well secured that he will find among his gardening friends a host of genuine admirers. As a writer on practical gardening subjects, he is a recognized authority. * * * Mr. Scott has long been an employer and knows what information young gardeners, or those with little experience, need, and he has his whole subject so perfectly at command that he can give the most desirable and essential information in the clearest language and with satisfactory brevity. The book is a distinct and important gain to the practical garden literature of this country, and it should be in the hands of every gardener, and everyone else engaged or interested in ornamental horticulture. The price of the book is \$5, which seems somewhat high, but for useful information it is worth every cent of it.—Vick's Magazine.

Florists' Manual, by William Scott. Publishers, Florists' Publishing Company, Chicago. Price, \$5.

From advance sheets of the Florists' Manual, kindly sent us by the publishers, as well as from those which have appeared from time to time in the trade press, we have formed an idea of the general scope and usefulness of Mr. Scott's book, and we now hail with a great deal of satisfaction the work as a completed whole. Several handbooks of a more or less similar nature, dealing with commer-

cial plant culture in America, or some portions of it rather, have been placed on the market; but the teachings which they convey have, as the years rolled by, become to a greater or less extent obsolete, owing to the continued mutability in methods, etc., so that the Manual containing, as it does, matter which is strictly up-to-date, and thoroughly practical, should meet with a ready acceptance among all engaged in the industry upon which it treats. The caliber of Mr. Scott's instructions, in matters horticultural, is too well known to the trade to require any elaboration at our hands; suffice it to say that the same soundness of doctrine, and masterful handling of every subject dealt with, generally characterizes the text of the book now before us. Nearly 200 individual items are discussed, and, as regards plants, largely those of commercial value, the staples of the trade receiving greatest attention.—Florists' Exchange.

The Florists' Manual, by William Scott. Florists' Publishing Co., Chicago. A reference book for commercial florists.

The author's first aim in preparing this work was to fill a long felt want among florists—a book describing the best plants commercially, with cultural advice founded on experience. Viewed in this light, it is a valuable and instructive work, very complete in its details. But it need not be confined to circulation among florists and others commercially connected, although gardeners and amateurs need not expect in it a work exactly fitting their requirements. Rather judge it through the author's own words, i. e.: "If those who favor us with a perusal of its pages glean only one hint which may help them * * * they will have received value for their money." A work resulting from Mr. Scott's long and varied experience, "from selling a bunch of violets over the counter to planting a tree or seeding a lawn or building a greenhouse," cannot but throw out many hints of value to any one interested in any line of horticulture or flower gardening. The comparatively small index confronting the reviewer at first is far from encouraging, but as the purpose of the author is more clearly brought to light, it is better appreciated. It shows the intention to treat of the most desirable and profitable things to handle—a condensation which many will enjoy. Many interesting subjects are brought to headings, such as "Easter Plants," "Watering," "Decorations," "Potting," "Bedding Plants," etc. Not the least of value to the possessor of this book are the beautiful half-tone illustrations, numbering more than 100, and thoroughly illustrating the subjects treated. Critical persons may object to the interspersing of advertisements with the reading matter, though it is not made very obtrusive; yet it must be remembered that the work is designed for commercial purposes, and not strictly as a library book.—Meehan's Monthly.

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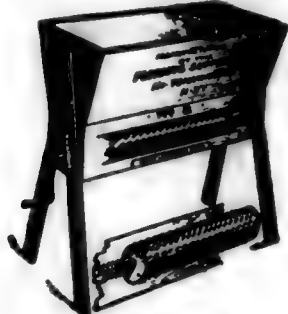
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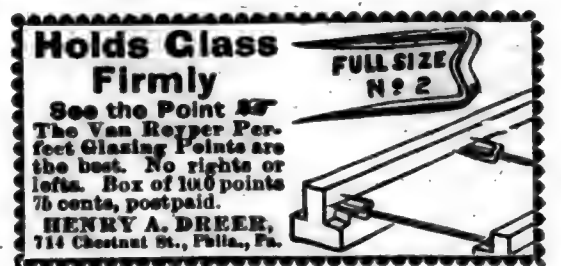
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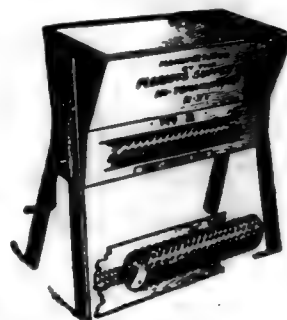
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The Flower Garden.

We have in our minds eye at present thousands of greenhouses filled to overflowing with all kinds of what is called "bedding stock." Acres of gardens and armies of impatient customers and busy gardeners, and what can we say that will be of benefit to all? Much is being written and talked of every day on the well worn subject of bedding plants, and the floricultural head, like the overfed stomach, is in trouble with indigestible food. Differences of opinion often bring out the best points in any matter, and if there is any element more prominent than another in the florist, it is that of imitative inclination and timidity in originality.

Let us size up the situation. We are on the continent of America. The peoples, the climates, and the innumerable important factors combine to make it all-powerful—a world by itself. Though we still import much of the material we use, we no longer look afar into the midst of other lands for ideas as to the methods and uses of whatever stock we may have. It is true that we have many "schools" in what is called, landscape architecture, and with them, as in others, there is a vast amount of pure humbug. Dear reader, did you ever walk over a contemplated garden with some high conceited landscape engineer and listen to his "Garden of Eden" stuff? We have, and the experience is a continuous effervescence to our comic section.

We would not refer to them now, only that many—alas, too many—of our flower gardens are outlined and restricted by the men whose living is derived by the employment of fine language, whose experience is paper splashed theoretics, and whose doings in the garden are crimes against horticultural intelligence. A few years ago it would have cost any gardener his position if he disturbed the "weeds" Mr. Heavenly View ordered planted, or if he introduced any of his own ideas. Not so long ago, and even to-day, many of the wealthiest people in the country were and are influenced by the landscape maker, whose ten-

der and narrow eye could not bear the sight of flowers. Thanks to a better knowledge of beauty, this is all changing, and it cannot be entirely obliterated too quickly. Mind you, we don't believe in a monotony of anything; a generous tolerance is more apt to be better than a too dominant element, but we incline to the doctrine of more flowers, less crime.

If you are at all observant you will notice that there is a decided yearly increase in the use of spring and summer flowering plants. This demand is not attributable to the tremendous increase of population alone, but rather to a growing love of flowers. The modern dwelling is constructed with a view to interior and exterior plant ornamentation, and it is a fact that never before were so many window boxes and vases filled with plants in the large cities as there are this year. It is a beautifying and beautiful custom, and every effort should be made to increase it and extend its pleasures by a proper selection and doing the work well.

The subject is too large to dwell upon only in vital points. Much that we do in America must of necessity be subservient to climatic influences, and so variable are they that we are inclined to ignore many special opportunities and even shorten the seasons of outdoor flowers. We are a people continually on the rush; to even live here is to be filled with ambition or exist in a living death. There is but a limited supply of patience—we demand immediate effects and this is felt in floriculture more than in any other trade; we hate preparation, and therefore much that we do fails. We cannot compare ourselves with the rest of the world for many reasons, and perhaps 'tis better we must remain distinct. We should try to be equal to the demands of the public in all that pertains to flowers.

Our seasons are short, but we should stretch them if possible, and a little care may often accomplish much. Take, for instance, our early spring flowers. We put out lots of bulbs in the fall; they are in bloom for two weeks in the spring, and we let

the beds become eyesores, instead of filling them with pansies and other early flowers which will last till geranium time. There are many months in spring and summer we make no provision for, and the earth must wait for our "good and ready" disposition. The majority of bedding plants are taken from warm houses to cold grounds, and the consequence is often disastrous. And then again, for the sake of economy, we are planting in July what ought to be out in May. We should remember that it is impossible for most flowers to succeed when planted in the glare of a tropic sun and when the ground is baked; this is particularly the reason why there are so many failures with cannas, dahlias, and such plants. And then again, many of the plants offered are entirely too small; cheapness, not quality, seems to be the aim of a great many, and it's a grave mistake.

It is foolish to waste time arguing with a man whose houses are filled up with a poor class of material. He wants to get rid of his stock and looks to his trade paper for pointers. We'd like to help such. It has been our experience with many small growers that they try to grow too many things. If they would devote one or two houses to a collection of retail oddities and specialize the rest they would in most cases do better. But as regards bedding out plants, we are glad to note that the present tendency is for variety. No matter what you've got, there is a way of making it look better.

Ours is mostly a trade of experiment and we should not hesitate to indulge in it when planting out. A mixed or composite bed often produces a better effect than a solid mass of one kind. The situation and the plant must both be considered in order to bring forth the most satisfaction. In shady places nothing looks prettier than a group of palms; many varieties will stand in the open, and some of the finest bedding we have seen was where palms and foliage plants were used in conjunction with flowers such as lilies. Then take crotons. What's finer than a bed of mixed crotons? Sub-tropical styles may be adapted to please all tastes. Cannas are a magnificent class of plants. The finer sorts only should be used; there are many on the market which in the order of advancement should not be. It is in the retention of inferior varieties of plants that we most grievously injure what we aim to advance, and though a man may not be justified in throwing away his stock without an attempt to dispose of it profitably, he injures the trade in propagating and flooding the market with such.

From now on the herbaceous border is a changing picture of beauties. It can be made a veritable panorama of all that is brightest in Flora's kingdom by a little study in annuals and herbaceous plants. As one goes out another

comes in, and where extensive grounds or a supply of cut flowers are required this is the most desirable and useful method of ornamentation. Annuals are cheap, and very many of them should be more extensively grown. A succession of valuable flowers is merely a matter of a few dollars and some care, but, as we have said before, impatience kills many good intents. We all know the great value of such as

new plants often renders deviations necessary, though the general principle remains, and whilst we believe in variety of form we also appreciate variety of color. Circumstances may alter cases. In public parks and grounds we say that every style of bedding should be adopted, with a preference for the massive and formal, because such appeals best to the general public. The poor people of the city

is most commendable, and not the narrow ideals of the over-educated. Flowers in the garden have a wonderful influence over all classes, and an abundance of them should be in every available spot. There is formality in most forms if you view them narrowly, and it ill becomes the florist to decry designs because they displease the uneducated critic, as most of the ultra ones in this sense are. We are too sensitive and pay too much attention to the opinions of novices. We must have more confidence in ourselves and assert the rights of the profession, and in order to be right we must be conversant with all that is best in our trade.

We feel it is merely a waste of time to write out lists of plants and turn this paper into a sheet from a catalogue. If you have already got the stock which you intend to plant, just make the best of it. Break away from the conventional if the material will allow, and if by the purchase of a few plants you can change the effect, don't begrudge the expense. If you have yet to purchase your plants, mistakes are inexcusable, for the market offers an endless variety and you can rarely do wrong where a knowledge of color and plant is shown. There are many simple flowers which give more satisfaction than many expensive ones. In this class are Phlox Drummondii, single petunias, asters, stocks, verbenas, etc. Geraniums of course will always remain the leaders. There are many fine new shades of color, and whilst it is difficult to surpass some of the old sorts, we should recognize the color value in all flowers.

Coleus are becoming an annual spring deluge of color. Only a few kinds find favor, because there is a preference for color in flowers to color in foliage. In this respect alternantheras are losing popularity (they have grown poorly with many this year). Begonias of the Erfordii and Vernon type have justly sprung into favor. They make charming effects. A ribboning of alyssum enhances them. Salvia Bon-fire is a fine thing for lines or masses, especially in part with yellow annual chrysanthemums. Rudbeckia Golden Glow or any of the tall or even small yellow flowers. Oenothera Youngii or Frazerii makes an excellent ribboning of yellow if pinned down. Of recent years nasturtiums have brought big prices and their value will be more pronounced where and when used properly. Much trouble and dissatisfaction is occasioned by having soil too rich for many—nay, most—kinds of flowering plants.

In bedding plants it is not foliage so much as bloom that is wanted. One is, of course, necessary to the other, but too rich a soil produces an uneven proportion. There are very few things grander than a bed of mixed lilies; how few of them we see. Then there are roses; why don't we have finer rose gardens? Dahlias are jump-



Decoration of Monuments.

hollyhocks, delphiniums, antirrhinums, penstemons, phlox, etc., but we seldom think of them till we want to see them in bloom; they appear tiresome when in seedling form and even the general growers of such stock fail to supply the demand for extra large plants. Of course, such class of plants intended for early flowering should be put out in the fall, but the most of it is done late in spring, when it is almost time for it to be in perfection.

The extreme in formal bedding was never so very popular in this country, but the modifications seem to have come to stay. The introduction of

will not travel far to look at green lawns and trees; there is a monotony of similarity in most landscapes and exhausted energy cares not for microscopic studies. Who is justified or has the right to assume the role of dictator? Very few of our parks are managed to suit the wishes of the great majority; they are the spoils of politicians and scientific fiends. "More flowers, less crimes," would be a better motto than "Keep off the grass."

That which tends to produce the greatest amount of pleasure—the magnet which succeeds in drawing out the very poorest from the lowest slums—



Laurel Wreath.

ing into favor; the Star or Cactus varieties are lovely and useful. Coxcomb and centaurea make up finely, but we have never seen them anywhere so perfect as in the public parks of Chicago. Where annuals are used, 'tis best to either have room for succession, or else be dense enough to equal effects in the masses of other flowers. Acalyphas and abutilons, especially the new A. Savitzii, furnish good high colors, and don't neglect cosmos.

There are many dirty ponds or ditches that could be transformed into beauty spots at very little expense. A few aquatics, a cluster of eulalias, Arundo Donax variegata will repay, and you know there are many times in summer when a sprig of forget-me-not is wanted. M. palustris semperflorens planted in a damp location will furnish it.

Combinations in colors can be as varied as your list of plants. Scattering or hotch-potch effects are seldom satisfactory. Many plants, especially geraniums, will give better ultimate results if planted a little on the slant, for they furnish up quicker that way. More attention should be given to hanging baskets, vases, and boxes. We find trouble in procuring good full vines for this class of work. Variegated vincas should be planted out now, raised in the fall and grown in pots for next spring's bedding. The vines on the market are too light. Ivy-leaved geraniums make a splendid hanging basket, so do many of the fuchsias, and mixed collections of plants. The average hanging rustic basket offered on the market is too heavy and expensive, besides the wood makes the soil hot and dry and few plants will succeed

in them. Use the wire ones and moss, or manufacture crate baskets yourself. Aucuba japonica is a good plant for tubs or vases; it needs plenty of water to keep it in condition. Hydrangeas Otaksa and cyanoclara cannot be too highly valued for outdoor summer vase work.

Whatever you have or whatever you have to do, try to get your bedding out done by Decoration Day. The people expect it of you and nature demands it. And again we say, do your work on the principle of "More flowers, less crime." IVERA.

DECORATION OF MONUMENTS.

We have been asked for some suggestions as to the decoration of the soldiers' monument shown in the accompanying engraving.

This is an exceedingly beautiful type of monument, and very great care should be used in decorating it. Many there are who suggest twisting ropes of hemlock or laurel around the pillar. We consider that would spoil its beauty. We would not go higher than the projection just above the heads of the statues. There in the center we would arrange our cluster of small flags, fixing them so the sticks would not show and connecting them together by loops of flowers or garlands of green. In front and at the feet of each figure suspend a laurel wreath or wreath of flowers, and just beneath the tablets arrange heavy Roman garlands of either flower or foliage, which will contrast well with the wreaths. On the steps could be placed a few loose bunches of flowers, or scatter them promiscuously all over.

Most decorations, in order to make them the more impressive, should be connected, that is, one design should be connected with the other. This can be done in a delicate way by vines, but on no account should wires, string, sticks, or other adjuncts be visible. Then again the colors red, white, and blue can easily be arranged on each side of the monument like this: One wreath of each color and the garland the other; or all could be put in the one design, though colors are a secondary consideration. The principle in monumental decoration is either extreme simplicity or concentrated richness. Work should never look slovenly or appear as if you wanted to get rid of all your material and didn't care how.

Our idea of a laurel wreath is the one illustrated here. We made it for a soldier's grave nearly two years ago. This alone would be sufficient in most cases. Leave the crepe off.

IVERA.

PLANTING OF HOME GROUNDS.

A paper upon the above subject was read by Mr. Walter Retzer before the Chicago Florists' Club at its meeting last Friday evening. He said that the subject was too broad for the time at

his disposal and that he would merely draw attention to the general rules of landscape gardening, which should be followed, no matter how small the surroundings might be.

Beauty, simplicity and harmony are the three principal objects to be sought and when they are attained you may be sure the effect will be pleasing to the eye. Beauty without simplicity would not be attractive, as an object can be beautiful in itself and still mar the effect of a grouping when associated with others that do not harmonize.

In planting flower beds, he deprecated the bringing together of the strong primary colors, such as red and yellow, and held that such should always be separated one from the other by some neutral color, such as green, white or gray. Trees should always be planted so as to show the full beauty of each individual specimen and never crowded together.

In the case of small grounds, material should be used sparingly rather than attempting to make it appear to be a forest of trees and shrubs. Often small lots are so completely filled with plants that not a square foot of lawn is to be seen, and colors that would be beautiful alone or in moderate quantity are completely lost through the immense number used.

He criticized the planting in many public parks, the introduction of obtrusive buildings into such grounds, and paid his respects to the landscape "architect," saying: "His sharp and angular lines are just the ones we must avoid in landscaping. Nature's beautiful flowing curves are the most attractive."

The major part of the paper was devoted to aquatic gardening, extracts from which will be found under another heading.

CHRYSANTHEMUMS.

All stock, should be propagated by this time, that it is proposed to plant out next month, and as soon as rooted it should be taken from the sand, and potted up or put into flats. In the rush of work at this time the young plants are too often neglected and allowed to get weak and spindley before they receive any attention; and though the recuperative powers of the mum are great, there is a limit to everything.

If planting can be done as soon as the plants are ready, the quickest way is to put them into flats, but if the house is not at disposal for some time, it is better to pot up into 2-inch pots, and on into 4's even, to keep them in a nice, healthy, growing condition. It takes more time, but it is time well spent. The young plants should be all outside now, and if a frame is not available, they will do equally as well in a sheltered position anywhere handy to the hose. I say a sheltered position, because if the position is exposed the hot sun and drying winds dry the plants out too rapidly, and

unless you stand over them with the hose they get hard and woody. Golden Wedding sometimes get rather yellow in the foliage when it is outside and so does Pennsylvania, but careful watering will easily remedy this trouble.

The old stand-bys, Robinson, Bonnaillon and such, are making their usual good growth, and Morel and its sports, Lady Hanham, Mrs. Ritson and Charles Davis are making their usual good growth of flower buds. I find it impossible to get a good shoot on these fellows till the season is far advanced.

Madam Carnot, with its sport G. J. Warren, is susceptible to a leaf disease which carries away all the bottom foliage. It seems to be constitutional and hard to overcome, but as long as the plants are making good top growth it need not worry one very much.

The new Colonel Appleton seems to show Dailedouze as one of its parents, habit of growth and foliage being very similar, and Goldmine just as certainly shows the Modesto blood.

White Bonnaillon is making hard, leathery foliage that should protect it from many ills.

I think there will be a much better demand for chrysanthemums this fall than for several years past. There will be more exhibitions, particularly in the east, which always stimulates the sale of good flowers, and every year there is an increasing number of people that look for mums in the fall, just as much as they do for asparagus in the spring.

BRIAN BORU.

planted in a geometrical design was especially effective, the varieties making an excellent color combination and being well graded as to height.

We present herewith a diagram of this bed, showing the way in which it was planted and the varieties used.

In planting beds of this sort, the height of the varieties when in bloom must be carefully considered. In one bed an error in memory as to height resulted in the planting of a border of tall ones around a center of shorter ones, with unpleasant results.

We therefore asked Head Gardener Stromback to give us the average heights of the varieties he employs, that we might put them on record. The figures follow:

Keizerskroon, 18 inches.

Yellow Prince, 15 inches.

Pottebakker, white, 14 to 15 inches.

Chrysolora, 13 to 15 inches.

Rembrandt, 13 to 15 inches.

Coleur Ponceau, 14 inches.

Vermillion Brilliant, 13 to 14 inches.

Cottage Maid, 12 to 14 inches.

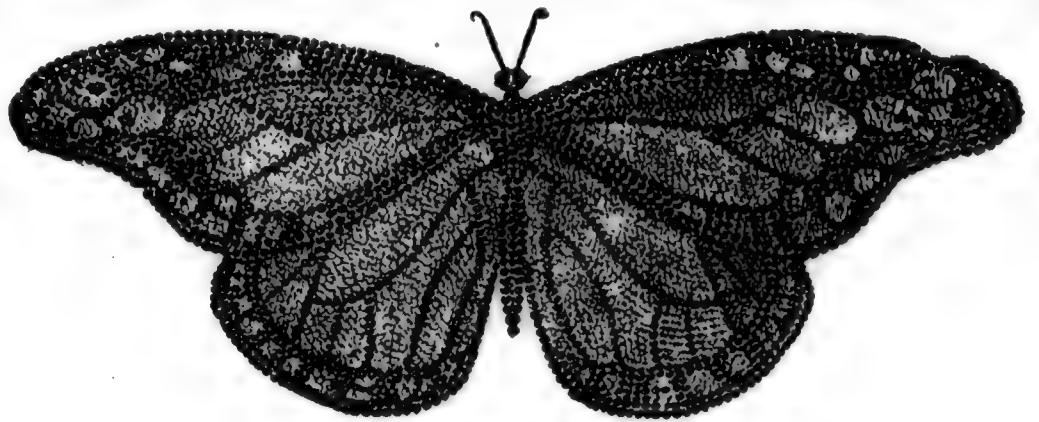
Rose Grisdellin, 10 to 11 inches.

He has a bed of the double tulip Blue Flag just coming into bloom and this supplies a good succession for the single tulips.

THE GLUT.

Shaumburg, May 20, 1900.

My Dear Friend: You say it is some long time since I wrote you a letter. I agree with you perfectly, but I have not had the inspiration to write. Under the present conditions of the florists' business inspiration is a scarce



A Butterfly of Tulips.

A BUTTERFLY OF TULIPS.

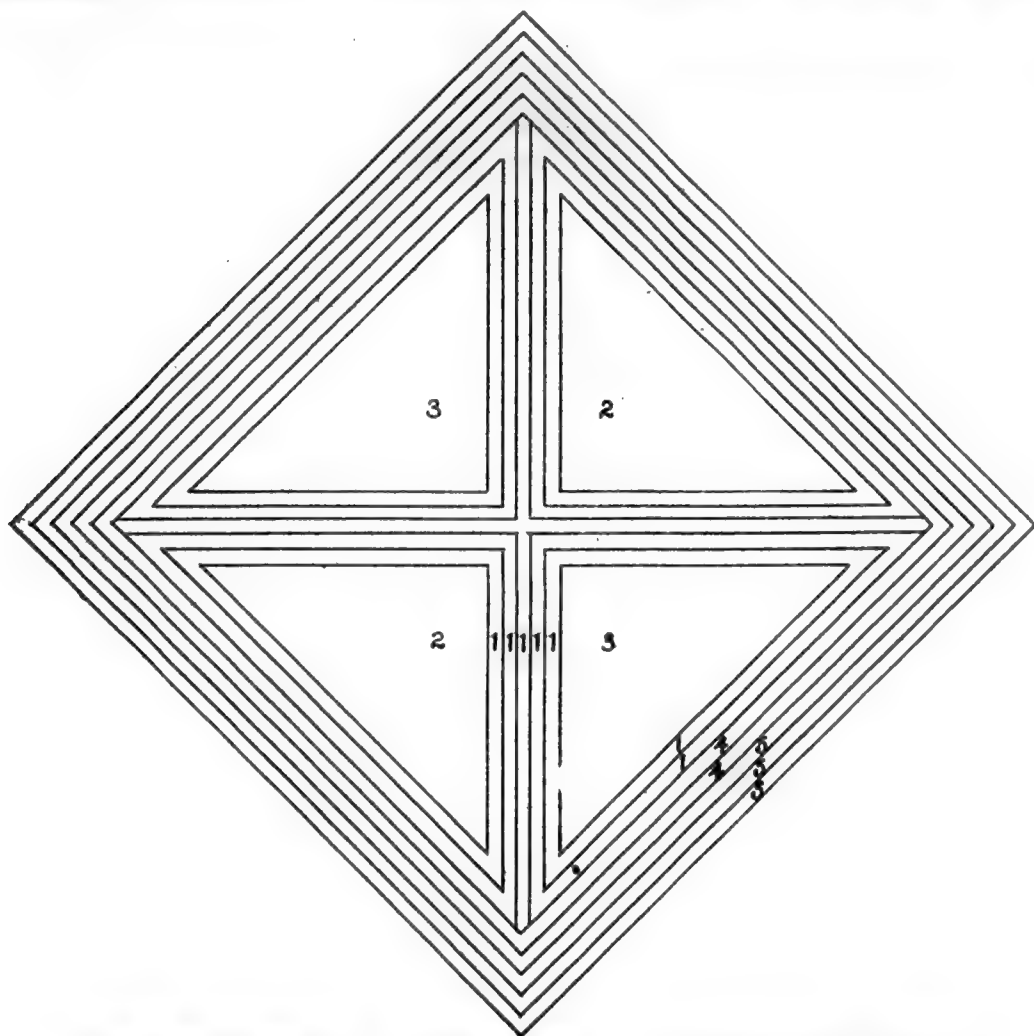
We reproduce from the Brooklyn (N. Y.) Eagle the accompanying engraving of a bed of tulips in Prospect Park, that city, planted to represent a butterfly. It must have been a very brilliant affair. The paper states that the design contained 5,000 bulbs, including 2,380 Belle Alliance, 1,825 Chrysolora, 565 La Reine and 230 Vermillion Brilliant. The work was done under the supervision of John Aitken.

BEDDING TULIPS.

The tulips have made a gorgeous display at Lincoln Park, Chicago, this spring, and one large square bed

ardickle, especially de beer mit de rations, it is so few and far between dot one has no inspiration for anything.

Excuse me a minute—a customer! Cheap gate; he pays for 15 cents a dutzend roses. Did you ever see anything like it? Dat a "first-class" (?) florist should demean himself so much und stoop so low as to sell a dutzend roses for 15 cents? Well, if I didn't do it somebody else would, so I might as well get de money und be satisfied. Whose fault is it dot we sell roses for 15 cents a dutzend? Is it your fault? Is it mine? Dot is a question which has been de subject off more argumentation dan de Porto Rican bill.



1. Yellow Prince (Yellow). 2. Rembrandt (Red). 3. Couleur Ponceau (Red and Rose).
4. Van der Neer (Purple). 5. Cottage Maid (Pink and White).

Diagram of a Tulip Bed at Lincoln Park, Chicago, this Spring.

It can be argued from so many different points that after the argument is all over it would take a Philadelphia lawyer to find out where we are at and who should be hung for making all the trouble.

We will start at the beginning of the argumentation; we start with the producer of the trouble, the grower. Twenty years ago he started in business with four houses and a lean-to, with maybe a couple of hot-peds and other trouble breeding devices. He would bring in the market about 18 Safranoses, 24 Sprunts, 35 Bon Silenes, a few La Marques, and a handful of short stem De Graw garnations. That was all the troubles he could breed in one day. He would hire a small boy to help him carry his money home, and life with him was a perfect dream. Look at the same grower to-day. Instead of 18 Safranoses, etc., he has 18 boxes of one kind of rose, 24 boxes of another, garnations by the thousand, and other troubles too numerous to mention. Still he has the privilege of making as much trouble as he can; nobody can say to him how much he should grow or how much he should bring in the market. But don't you think that in times like the present, that if he was to draw away some of the poor stuff and bring only the good stuff into the market, that it would make less trouble? But then again, if some gardeners would draw away the poor

stuff, they wouldn't have anything to bring to town.

I don't think that I ever saw a glut of good stuff in the Chicago market. Did you? But we often see stuff that ought to be inspected by the board of health. It ought to be fumigated and the buyer ought to be waxinated before handling the stuff. These conditions bring on the glut. This terrible stuff that some growers persist in bringing to town is the cause of all the troubles. It comes to town, and the commission house must sell it to somebody; somebody must sell it to somebody else, who don't know the difference between a rose and a cabbage, and there you are. The florists who handle notings but good stock gets it "in's gerrick," as the public in general know as much about flowers as an Irishman knows about good sauer kraut. The grower should use a little judgment in sending stock to the market. He should keep posted on the general conditions of things. There are times when anything will sell and again there are times when you can't sell anything. But as I said before, the question can be argued from so many different points that it is hard for anybody to say just when these things are about to occur.

Now, good, kind growers, please, oh! please, because the market is glutted now, and stock is plenty, don't try to keep it for Decorations Day, as

mixed pickles never can be sold for flowers. The grower who pickles flowers for a holiday, especially in the spring time, is guilty of criminal actions and ought to be chucked accordingly. There will be stuff enough—too much, in fact, when we consider that outdoor flowers are in great profusion for Decorations Day. You will say, "Well, the public will pay anything on that day, so we will cut everything we can and send it to town." Not so, my dear friends, if the public can be educated, and it remains for you to educate them. Try it for a while. Try to grow good flowers and only good flowers and see if your returns won't be chust as good, if not better, than they were when you sent a few good flowers and a lot of decayed vegetables to market. I may be mistaken in my side of the argumentation, but I think it worth a trial.

There are odder sides of the argumentation to be considered later, but I think that this will suffice until a later issue, when, if the insurrection comes, I will take a fall out of the commission house, or maybe the retail florists.

Yours as ever,

FRITZ BLUMENSCHNEIDER.

PARK AND OUTDOOR ART ASS'N.

Annual Meeting at Chicago.

The annual convention of the American Park and Outdoor Art Association is to assemble at the Art Institute, Chicago, Ill., on June 5th, 6th and 7th, 1900. As a sufficient attendance cannot be guaranteed to secure special railroad rates, each member should make the best terms they can with local agents. The Auditorium Annex hotel has been selected as the official headquarters of the association, where rates will range from \$1.50 to \$4 per day.

The programme will provide for papers and discussions at the morning sessions of Tuesday, Wednesday and Thursday, to which all interested are invited; stereopticon lectures Tuesday and Thursday evenings, to which the public will be specially invited; and visits to the park systems in the afternoons. On Friday there will be an excursion to the drainage canal, or other places can be visited. A banquet will also be tendered to the association during its sessions.

Mrs. Edwin D. Mead, of the Twentieth Century Club of Boston, will prepare a paper upon municipal improvement, which will be read by President Loring, and Mr. Albert Kelsey, president of the Architectural League of America, will give an address upon the same subject at a joint meeting of the two associations on Thursday evening, June 7th, on which day the annual session of the Architectural League begins.

A paper prepared by Mrs. Cyrus H. McCormick, of Lake Forest, Ill., upon "Landscape Gardens," will be presented.

Dr. Albert Shaw, editor of The Am-

erican Review of Reviews, will present a paper upon some phase of outdoor art relating to our national growth.

Mr. William R. Smith, director of the Botanic Gardens at Washington, D. C., and ex-president of the Society of American Florists, will write upon a subject relating to the arrangement and grouping of plants about architectural structures.

Mr. William M. R. French, director of the Chicago Art Institute, will present an illustrated paper upon "Composition," giving particular attention to the proper distribution of buildings, of artificial structures and of foliage about such structures.

Mr. J. H. Patterson and Mr. Edwin L. Shuey, of Dayton, Ohio, have consented to lead in the presentation of work that has been done in this and other countries toward making more attractive the surroundings of factory buildings and employees' homes. To this meeting the general public will be specially invited.

Mr. William Ordway Partridge, of New York City, will present a paper upon the proper setting of statuary in public places.

Mr. J. Frank Foster, superintendent of the South Park system in Chicago, will present a paper upon park roads, in which he will call particular attention to their maintenance and administration.

The Rev. J. A. Rondthaler, of Chicago, will present a paper upon the influence of public parks upon the morality of a community.

Mr. S. M. Millard, of Highland Park, Ill., will present a paper upon a subject connected with outdoor art.

Mr. Frederick Law Olmsted, Jr., of Brookline, Mass., will present a committee report on "Advertising Bill Boards"; Prof. William J. Beal, of Michigan, upon "Prizes for Designs"; Dr. Wm. W. Folwell, of Minneapolis, upon "Park Census," and Mr. C. C. Laney will report for the committee appointed in connection with the work of the Pan-American Exposition.

One of the most instructive and interesting features of the meeting is to be an exhibit of photographs showing the good and bad treatment of various subjects connected with outdoor art and the artist's conception of beauty in various objects in landscape.

do for the purpose, for they never can make a good appearing pot plant.

If you plant early they should be 18 inches apart on the bench. If late, 15 inches will do. There are not many varieties suitable for this purpose. Nothing tall growing will do. Mme. Bergman is fairly good for early white, but the two ideal varieties for this purpose are Ivory and Lincoln. There may be several others. A dwarf branching habit is what you want to select for this purpose. I am aware that some florists have a deep black loam in which they can plant out their chrysanthemums out of doors and lift them in early September with success, but many of us have not, and the plan of growing them on the bench assures you good plants, for they lift without losing a fibre and keep their foliage.

It is never too late to propagate chrysanthemums, so keep on whenever you have the right cuttings, only keep them soaked and shaded till they are rooted.

Carnations.

As soon as the carnations get hold of the ground outside, they shoot up quickly, and plants that were not pinched before planting out soon need attention. A careless or green man should not be trusted to do this first "stopping." I have seen them pinched into the ground and also seen them pinched 6 inches above the ground. In the first case it stunts them, and in the latter they are always a floppy, awkward plant. Choose the right place, which is usually leaving three pairs of leaves.

We are having here very little rain, but don't wait for rain to hoe. The Planet, Jr., hand cultivator is a splendid little implement, but you must use the hand hoe as well several times during the season, and bend your back, too. The style of hoeing that a farmer gives his corn won't work on carnations. I hope that you have your carnations stopped and hoed and that they are sending up several shoots.

Azaleas.

I would remind you not to put out your azaleas and other hard-wooded plants that you have trimmed back till we get settled warm weather. They are making their good growth now and are better indoors for another two or three weeks.

WM. SCOTT.

NEW YORK.

There is very little of anything to record, floriculturally speaking, in this city. Business is suffering with the usual summer complaint and prices are away down on almost everything. It requires more diplomacy and maneuvering to sell a thousand roses for a few dollars than to do a full day's business at any other time of the year. The very peddlers have become saucy and will scarcely handle anything but the best. Their special favorite is American Beauty.

Last week general bedding stock,

MISCELLANEOUS SEASONABLE HINTS.

Planting Out.

By the time my readers see these lines they will be in the busy season of planting. Never put off for a day any beds that can possibly be planted; if you do, the first two weeks of June will find you with more promised than any human effort can fulfill, and every one wants to be first, and offended if they see you attending to their neighbors before them. So if ever the old saying, "Never put off till tomorrow what can be done today," is good advice, it is wonderfully so for the next few weeks.

As you wish your customer to return to you next year, it behooves you to see that the beds of geraniums and cannas, or whatever they be, shall be properly planted. Where they keep a trained gardener you are relieved of any anxiety, but that is the exception; most of our plants go to pieces where the coachman is the whole thing and far more interested in "a 'oss." Where the beds or borders are all dug up and ready to plant, we prefer, if the order is of any size, to have our own men plant them. If the beds have to be

dug, we charge by the hour for the labor.

As I have often had occasion to write, there is only one way to plant, whether it is a tree, shrub or bedding plant, and that is by setting the plant firmly in the hole you have made for it with the trowel, and sufficient soil around it to hold it upright and in place; then a good soaking; then by smoothing off the surface of the bed you have put two inches of dry earth as a mulch. This soaking, which does not bake with the sun, is worth ten waterings on the surface.

Chrysanthemums.

You will not have any benches just yet for those you grow for cut flowers, but as soon as possible you should choose a bench for the plants that are intended for lifting for pot plants. I like about four to five inches of soil for these plants in a very light exposure. If you can get them on the bench by the 10th of June you do not need large plants. Thrifty young plants that have been or are ready for their first pinch are good enough, and no plant that is leggy or drawn up will

strange to say, took a big drop. Geraniums were sold in the auction rooms for from 4 to 7 cents, with other kinds of plants at corresponding rates. This week promises better all around.

Ernst G. Asmus returned from his flying trip to Europe, looking all the better for the experience. He, like others who have got back from Paris, says that the exposition over there is nothing as compared with the one given in Chicago in '93. The buildings are very close together and are less imposing. Mr. Asmus refuses to state that he discovered another good thing like Liberty rose whilst over there. Perhaps he didn't go to Ireland. Most of the good in this world comes from there.

The name "Klunder" is once more above the door of a retail florist store in New York. This time it is 236 Fifth avenue. Our friends, the other papers, gave it out as "Beaumont & Klunder." Mr. Beaumont is out of it and the firm name hereafter will be Klunder. The name has still a great ring in this city and will have whilst this generation is alive. Whatever may be said, and people in glass houses shouldn't throw missiles, there are bright prospects here for a well conducted store under that still magic name.

The executive committee of the American Rose Society held a meeting during the week and perfected arrangements for the June rose show. It is sincerely hoped that all hands will turn in and make it another big success. Let's see how many kinds of roses we really grow in this part of the world. J. I. D.

CHICAGO.

The Market.

Cool spring weather has continued since the sudden fall in the temperature last week, and the rough edges have been cut off of the surplus. Quality has also improved somewhat and prices are held a little closer to quotations. There is some mildewed stock as the result of the antics of the thermometer, but less than might have been expected, in view of the suddenness and velocity with which the mercury fell.

The general opinion is that the supply for Decoration Day will be up to the requirements, but that quality may not be quite up to the standard of last year. That standard may be reached, however, if the present favorable weather conditions continue.

Last Saturday, Sunday and Monday carnations moved well at a dollar, but on Tuesday the market had a relapse. For Decoration Day there will be a fair supply and satisfactory prices are anticipated.

Club Meeting.

At the meeting of the Florists' Club last Friday evening the leading features were papers upon spring planting and aquatic gardening, by Mr. Walter

Retzer, both of which appear elsewhere in this issue. There was some little discussion of the question of formal bedding and the use of color, and the opinion of the majority was that there was a place for each and every style of floral ornamentation and that each one was desirable when kept in its proper place.

The committee on co-operative purchase of coal reported progress and asked the trade papers to print a request that all growers in the vicinity of Chicago send to Chairman W. N. Rudd, Mt. Greenwood, Ill., a statement of the kind and quantity of coal they used last year. When this information is tabulated, an effort will be made to see if inside quotations cannot be secured on the aggregate and the result reported to those participating. Action can then be taken if a saving can be effected.

The question box disgorged an inquiry as to why chrysanthemums were inclined to bloom unnaturally early this year. Several mum growers present said they had not noticed such an inclination among their plants and thought that the cause of early blooming elsewhere was local in character.

Various Items.

Kennicott Bros. Co. have over a thousand dozen paeonies in cold storage and just right for Decoration Day. They fill 220 buckets.

J. A. Budlong is cutting some excellent Brides and Maids in spite of the remarkable weather conditions.

Recent visitors: Arthur Ellison, St. Louis; R. Livingston, Columbus, O.

The price of iron pipe has dropped about 30 per cent within the last two weeks.

The Chicago Florists' Club's committee on transportation to the New York convention of the S. A. F. in August is making very satisfactory progress and an economical and enjoyable trip is assured. Florists in the west and northwest will be invited to travel with the Chicago party and share the advantages obtained by the club.

Superintendent Jensen has at Humboldt Park a border of different native azaleas in bloom that is a decided attraction. There is also an outdoor group of Ghent azaleas in fine bloom.

The Geo. W. Wittbold Co. are building two new houses, each 27x125. They will also put in a show front a hundred feet long in addition to what they already have on Buckingham Place.

The R. J. Lewis greenhouses on Dunning street are no more. They have been removed and the property will be used for other purposes. The material was purchased by the Geo. Wittbold Co. and they have taken out about 40,000 feet of good glass and 17,000 feet of 4-inch cast iron pipe. The houses were built for the growing of vegetables, but were later remodeled and devoted to cut flowers. The place was at one time one of the largest in and around Chicago, but was later dwarfed out of sight by the immense

modern plants erected in recent years.

Weber Bros. have entirely rebuilt their place at Bowmanville and now have eight fine houses each 22x150. All are devoted to Brides, Maids and Meteors.

R. E. Simon, of the Staats Zeitung, has made arrangements for special rates for a party to visit the bulb-growing fields of Washington early in July and says any florists who wish to go can have the benefit of the special rate secured.

Adolph H. Poehlmann has now purchased a twenty-acre tract in Morton Grove and will put up 50,000 feet of glass, for roses only. There will be six houses, each 26½x250. George M. Garland has the contract for the erection of the houses and it is needless to add they will be fitted with the Garland iron gutter.

The bowling fever seems to have waned some, though a few veterans keep the balls in motion. There were only five at the alleys last Friday evening.

BOSTON.

The Market.

Like poor coffee, the antarctic continent, and your last winter's coal bill, things are unsettled. Memorial Day only is expected to play the part of the egg-shell, the Yankee colony and the flush debtor. Prices fluctuate spasmodically, but do not make the mistake of getting generous to any great degree except upon violets; a few good ones bringing \$1 per 100. Carnations, 1, 2 and 3 cents, and 4 cents in extreme cases, with quite a few remaining for the fakir. Roses from 1 to 8 cents in pink, white and yellow; Meteors, 2 to 8 cents; Beauties, 2 to 25 cents, and a full supply of Liberties from 10 to 35 cents; Jacks are out of it. All kinds of odds and ends of everything dodging around and being caught up at all kinds of prices from low to medium, according to how badly the purchaser wants the goods and the ability of the salesman to ascertain it. Plants, trees, shrubs, vines, bulbs and seeds rippling along merrily, even if weather conditions are abnormal, and when has there been a similar date when farmers and gardeners were so behind-hand in their work as today?

Notes.

There is some discussion as to the relative value of grafted and ungrafted rose stock, but actions vote for the graft, as evinced by the fact that about all rose growers are to use it. But can they beat Aylward and McGorum? These two, at least, thus far have kept at the front with their full share of the very best, and from ungrafted stock.

Did you form an acquaintance with the firm of Feinstein & Cartwright, of Federal street? Too late, now; but Feinstein still continues both at the new stand and his old one on Portland street.

New stores are treacherous, but Mrs.

Rogers seems to be making a supreme success of her store on Summer street, and her man Knowles is a hard kopje to outflank, surround, or carry by assault.

President Stickel, of the Co-operative Market, has purchased a valuable ten-acre lot, with buildings, at Lexington, for future enlargement of his business when necessary.

The Hotel Berkeley, which shelters Houghton & Clark and Norton Bros., will soon come down. The inside is a total wreck now.

Arguments for great scarcity of goods for Memorial Day sound the most reasonable.

Mr. Long, of Marshall & Long, is suffering from an injury to his eyes, caused by a blow from a baseball received while passing along Huntington avenue. The chief damage was from pieces of glass from the spectacles which he wore.

Houghton & Clark are smiling in memory of twenty-five large baskets of fine flowers delivered to the new Hotel Essex upon the opening day. The extra chuckle is for the order for a dozen large bay trees to go to the same place.

A trip to W. J. Dana's rose houses at Wellesley shows them and their contents to be in first-class condition. The most interesting feature, however, consists of the four new pattern Chadbourn automatic ventilating machines just established. They appear like well meaning employes and some of their qualities are worthy of being copied by more intelligent workmen; not, however, the one of consuming three or four gallons of liquid per day.

B. T.

BUFFALO.

A good warm day is a great treat, and very cool weather is the prevailing condition. Coleus would droop away to nothing during these nights, and unless we get a marked change bedding will be very late. Every kind of flower is plentiful at present and fine in quality. The very cool weather accounts for that. Roses have not yet assumed their diminutive size or mildewed tinge. W. J. Palmer & Son are cutting three to four hundred fine Beauties daily and have for many weeks. Sweet peas have sold well but are getting that crooked neck shape on them.

Mr. Wise, of East Aurora, had a gardening talk with us on Friday, and sweet peas was one of the topics. There is always a sincere pleasure in exchanging views with this conservative, wise, but witty man. How to keep sweet peas from the glass was one of the subjects. They are by the majority grown on the side of a carnation bench, and I see no material injury to the carnations, but the peas soon get to the glass, and then come the crooked stems. We have grown a number in boxes this winter. The boxes are 9x9 and 6 inches deep, and stood on the floor at the ends of car-

nation houses. Here there is almost unlimited head room, and if we only had enough of this accommodation it is an ideal way to grow them, as you get lots of flowers without so much rank growth.

We are not likely to be overdone with cheap outside flowers for Decoration Day. Lilac will be about right. Peonies will not be in, and all kinds of tulips will be gone. Iris will help out some, but they soon look like a flag on a wet day after being cut. The abundance of our indoor cut will be our mainstay.

The whole floricultural community was shocked on Thursday last with the sudden and unexpected announcement that our Billy Kasting, alias the Hon. Wm. F., Park Commissioner, had been and gone and got married the day before. The announcement sent by mail from the bride's parents says that he will be at home in June somewhere on Ellicott street. That's very satisfactory, for we shall know now where to get the key of his emporium Sundays and evenings, when we have an unexpected call for his wares. It will also be better for his health that he has a home, but we don't like the way the business has been done. It's sort of cute to do it this way, but Billy is a sort of public character and he should have given us a chance to show our appreciation of his behavior. It's a mistake. This important event happens only once with the great majority of us, at least in one state, and the happenings at the wedding are something to look back to in years to come.

I think this is good news for the grower and not so good for the retailer. As a single man Billy was lenient and kind and studied both grower and retailer, knowing the latter must not be squeezed to death, but with the care of the household, the furnishings and bric-a-brac, little shoes and hats, baby buggies and doctors' bills, his nature will be hardened, and the higher the price the more commission for him, is likely to be the dominant thought.

We must congratulate the handsome and smart Miss Anna La Tour, for Mr. Kasting is bound to be a success in life. He has the right style in his make-up to go ahead and he has gone not a little ahead these past four years. He has the great blessing of being able to say "No" as easily as he says "Yes," and this is the first mean trick we have found him guilty of. Perhaps he thinks he has been all square. We don't. We do not expect to be consulted for advice, but his friends in the trade should have had a chance.

The average novel and melodrama ends with the young couple getting married, all trouble is over and nothing but kisses, ice cream, molasses candy and fun is before them. What a horrible delusion, although not a delusion, for every sane man knows better. Reality begins and the dream is over.

Be boss, Billy; be boss of everything outside the house, and let your darling be boss inside. Never walk the floor with the baby; I never did; it's entirely superfluous. They don't need it. Many other hints I can give you, but they shall be transmitted verbally.

I know I voice the sentiments of your many friends when I wish you the greatest joy and prosperity and hope that, although you have promised to devote your whole self to the happiness of another, you will still be the same Billy Kasting. You will not get forgiveness for this sneaky behavior till you have a thundering good house warming, and then you will get warmed.

W. S.

Pan-American News.

The past two weeks have brought about considerable change in the landscape work of the grounds. Many hundreds of large trees, mostly maples, elms, poplars and horse chestnuts, have been brought to the grounds and planted. The lake connecting the canals is almost completed and the banks planted with a large assortment of shrubs. In the music garden have been planted several thousand hardy roses in masses of 500 of one variety. Two thousand of these are an exhibit by Ellwanger & Barry, of Rochester. With the careful planting they have received and the heavy enriched loam they are in they should make a splendid show in 1901.

Mr. Rudolph Ulrich, the landscape gardener, is the busiest of men. The grounds surrounding the Service or Administration Building are seeded, sodded and planted and have already a most finished appearance. Work is progressing rapidly on all the most important buildings.

S.

ST. LOUIS.

The Market.

The stagnation noted last week still continues, owing to the unsettled affairs of the street railway strike. The public will not ride on the few cars that are running, and those buying flowers will buy in their neighborhood, and, of course, the down-town florists suffer most, as the only orders they get are by telephone, and trade over the counter is out of the question.

The florists around the cemeteries claim they have all they can do, but miss the customer who buys a few plants and takes them over to the cemetery. With the West End florists it makes little or no difference, as their trade don't as a rule, ride in street cars. The South End florists miss their street car trade very much for their plant trade.

Prices on cut flowers, in quantities, are practically unquotable at this writing, as trade with both wholesaler and retailer is worse, if possible, than ever. Plenty of roses, carnations, sweet peas, paeonies and Harrisii, Callas and oth-

er outdoor stuff are coming in every day and the wholesaler is forced to sell dirt cheap or throw them in the waste pile, and to quote prices on any flowers would be out of question.

The growers will not stand this state of affairs long and quite a number of them have already thrown out their old plants and are planting new ones. This plan, which is sure to be followed by the growers generally, will place the trade on a better foundation in the next few weeks.

During the greater part of the present month the cut of roses and carnations has been enormous. They have been sold by the box, with little regard for varieties, and no time wasted in counting them, and at prices one would hardly believe.

The plant men at Union market are still kicking about their business. Absolutely nothing doing, not only in our line, but in other lines also, as the market is entirely deserted during the day.

Notes.

John M. Hudson was reported very sick the past week. Mrs. Hudson reports John somewhat better, but still a very sick man. Symptoms of Bright's disease is the cause.

Frank W. Maas, formerly of Philadelphia, is now with the Plant Seed Co. Frank reports that their business during the season has been good.

The Florists' Club meeting which will be held on June 14 will no doubt be a large one. The show committee will report; the miscellaneous cut flower show will be on; convention matters will be talked over; the regular yearly outing committee will be appointed and a few other very important matters will come up which will be of great interest to all of the members. By that time, no doubt, the street car muddle will be all settled, and every one will be happy to come and spend an hour or two with the brothers. It will do you good. President Ammann will tell you something about the taxation of plants as your local assessor might want to tax you, and then you will know how to bluff him off when he comes.

Nothing new as yet about the bowling club's trip to Chicago. We have done no bowling and have had no meeting. Maybe in the next issue of the Review we can say more about it. We all hope that our members will all be in shape to attend the regular nights not later than the first Monday in June. Business will not be so much as to keep you away from a little pleasure every Monday night.

J. J. B.

AQUATIC GARDENING.

BY WALTER RETZER.

[Extracts from paper read before the Chicago Florists' Club, May 18.]

Aquatic gardening, which is one of the most recent arts, sprung up, as it has, just within a few years, it is surprising to what extent it is already

practiced, and it promises to become the chief ornamental factor in beautifying our homes and surroundings. There is a certain pleasure peculiar to aquatic decoration, one that once experienced will always be sought after, and none will be more thoroughly enjoyed. The beautiful, pleasing, and quiet effects are those peculiar to this art. It has not that harshness which one cannot help but feel in some other classes of decoration.

The colors of nearly all aquatics harmonize, no matter which way they are planted—a discord is hard to produce. The intense colors become softened, the odors diminished, and with the quieting effect of the water itself, produces a picture long remembered.

The decoration of a pond, however naturally carried out, would not have a calming effect were it not for the borders which are the finishing touches. The border plants are an introduction to what we are to see later. A beautiful pond artistically planted without a decorated border, is like a summer cottage in the heart of a crowded city where high stores are its surroundings. Both would be unfinished.

Location of Ponds.

In locating a pond, many things have to be taken into consideration not thought of at the first moment. A pond poorly located, no matter how highly decorated, will always mar the surroundings. We must aim to select a place that will produce the most natural effect. If the surroundings are rolling or even hilly with deep valleys between, seek a place low enough to retain the water without artificial means. We never find a lake at the very base of a valley, for sufficient grade must be left for an outlet. If the most suitable place for a pond is where a rippling brook is winding its course, a pond can easily be made by having it dammed. For this the strongest and safest material would be stones of considerable size, the larger the better, held firmly together by cement. This stream will afford a constant supply of fresh water so essential in aquatic gardening. If the stream is large or subject to swellings after rains, large pipes should be placed beyond the beginning of the pond. These pipes must be large enough to check the force of water during the heaviest rains, leaving only the amount required to pass into the pond. If the whole volume of water be allowed to pass through the pond, our aquatics would soon be where we would not want them. These pipes must be laid just below the surface of the stream when it is at its lowest mark, for if raised to the point that the stream attains during rains, the pipes would be an unsightly object as they protrude out of the water after it has receded.

These surplus water pipes, if no other convenient place can be found, must be laid underneath the pond

where they will be out of sight. This can readily be done before the pond is constructed. If, however, the raising of the water is not thought of at the time of the building, the evil may be remedied by laying the pipes around the edge of the pond, though this will require a good deal more piping and other work. Wherever the pipes are placed, have them covered in a way not to attract attention. The principal rule that one must invariably follow is: Select the most natural place. It is quite impossible to lay down certain rules as to the location of ponds, as "circumstances alter cases."

General Outline of Ponds.

In regard to the shape of ponds, it cannot be too strongly impressed that symmetrical ones are not to be tolerated, except where surroundings are laid out in the most symmetrical way, in very limited areas, say in the back yard of a city residence, and even there the irregular shaped pond would be more appreciated after the merits of each become known. First, we should select the irregular shaped pond, as it resembles a natural bit of water more than the symmetrical one, and consequently makes the surroundings more like nature.

It can readily be seen that a pond of an oval shape can be used to greater advantage than a circular or angular one. The angles or corners of a square pond would be nearly worthless, as no aquatics, except the small floating varieties, could fully develop, for the foliage would soon come in contact with the border, be forced over this, and scalded by the burning rays of the sun. No room is left here for border or back water decoration. No suitable form of introduction can be made, as will be seen when compared with an oval shaped pond.

The Construction of Ponds.

Probably the principal point in aquatic gardening, and one that has to be fully mastered before success can be attained, is the construction of ponds. A pond poorly built or drained will only be a nuisance, a malaria breeder, and a continual source of disappointment, the plants not proving to be as advertised. In nearly three-fourths of the cases it is not the fault of the nurserymen, the catalogue, or the advertiser, that the plants do not succeed as well as they were represented, but simply the fault of the grower or the pond.

This fact is marked in this branch of gardening. Aquatics, even if they are water plants, require drainage as well as those grown in pots, and even more so. For this and other reasons that will be mentioned later a soil bottom pond will be found most preferable. There is a constant regular seepage or drainage of water, which varies according to the lower strata of soil, causing constant but regular changes in the water. With supply

pipes sufficiently large to replenish that lost through drainage and evaporation, the water will be kept in circulation, so essential in aquatic gardening. This thorough drainage will prevent the diseases which occur so frequently when a pond is badly or not at all drained. With large and convenient outflow pipes placed near the surface, all the dust which naturally collects on it, as well as the insects which skip about the surface, are carried away. These pipes may be so placed as not to be seen even by the most critical observer, by placing over them a few boulders or some graceful border plant that will completely cover the opening. The number of these pipes must vary according to the size of the pond.

Besides the natural drainage of a soil bottom and the surface outflows, it is very important to have a pipe sufficiently large, placed at the deepest part of the pond, to carry off the water in a short time. It will be found of great advantage in the fall, when the tender plants have to be removed. Always have the pond so graded that the deepest part of it is in the center. If the pond is exceedingly large, have several parts that are deep enough to drain the entire pond. The trap of this pipe should be so made that it can be opened without entering the pond. The outflows at the surface should be large enough to carry away the water from the rains.

One of the greatest difficulties met with in aquatic gardening is that the place where we wish to locate the pond does not retain the water. We may resort to various means to remedy this great evil. The cheapest as well as the best, as far as the health of the plants is concerned, is to place a layer of clay mud (the amount varying according to the porosity of the lower soil) at the bottom and the sides, which must be thoroughly packed.

The granitoid pond has its advantages as well as the soil bottom one, although not as numerous. If it is found necessary to have a granitoid pond, the whole can be so arranged as to give a natural effect. It must be made to produce the best effect regardless of the curves, which are rather difficult to make out of granitoid. Have the edge about six inches lower than the surrounding soil, and have this graded to make a gradual slope toward the side of the pond. In this way the whole of the white granitoid edge, so unsightly, will be completely hidden. The water in the pond can be raised to the soil and occasionally allowed to flood it. This will keep the border moist enough for some of our best border plants. In the granitoid ponds all plants should be placed in tubs or something similar.

The ease with which plants are moved about after being in the water, and the fact that the water does not become discolored from the dirt that

is plowed up as one enters the pond, and the ease with which they are kept clean, are the advantages not to be disdained by the layman, who has only the few leisure hours after his daily work is performed to look after the requirements of his pond. You will not have the rank weeds so numerous in the other ponds and the wild water lily (*Nymphaea Mexicana*) will not become a nuisance, as it can be well controlled if planted in tubs. This *Nymphaea*, if left to take care of itself, will soon assert its right as a native and will in a short time completely fill the pond, and there is no other way to get rid of it, after it has established itself, than to dig out a foot or more of the soil and cart it away. The whiteness of the bottom of a granitoid pond, without the gravel at the bottom, has such a glaring effect that the eye is pained to look upon it, besides it reduces much of the beautiful color of the aquatics. So with the white edge—it must not be tolerated, not only because the reflected light pains our eyes, but the contrast between the green foliage and the white edge is too great, and consequently lessens the beauty of our plants.

The granitoid must be of the best, as it would easily crack during the cold weather if otherwise, and even if it is of the best material it must be covered with straw or something equally as good.

Soil.

Soil requisite for aquatics can be obtained easily and cheaply. They have done exceedingly well in a clay soil, though in good, rich soil, thoroughly mixed with a liberal quantity of well rotted cow manure, the plants will many times repay the trouble in the profusion of blooms and the substance of the foliage. In a pond where but little clay has been used to retain the water, and where a good rich loam is found beneath, no other soil will be required. Whether our ponds have a clay, natural soil, or granitoid bottom, it is well, and will give a neat appearance, if a layer of sand or gravel is placed at the bottom. Moreover, this prevents the water from becoming muddy when it is necessary to enter the pond.

Plants for a granitoid pond should be potted—or, rather, planted—in boxes or half kegs. The boxes should be rather shallow and wide, as the roots of most aquatic plants have a spreading habit. The bottom should be well drained so as to admit a free circulation of water. The practice of making pockets in granitoid ponds is a great disadvantage, as it is difficult to remove the soil the following spring, in order to replenish it, besides it does not admit thorough drainage.

Heating.

Through the numerous varieties of water plants at our disposal, it will readily be seen that in the few years

of attention that has been given to the culture a great many distinct and beautiful kinds have been produced.

A pond can be artistically planted with nothing but these hardy plants and the use of them is to be especially recommended to those who have but limited areas, and no greenhouses or other suitable places to keep the more tender varieties through the winter, and those who have but little time to devote to the aquatic garden, and the care which the more tender varieties naturally require. But even those who have but a small part of their surroundings devoted to aquatics, and have their residence heated with either hot water or steam, will be able to enjoy the lovely *Nymphaeas* of the sunny south by simply laying a branch from the main heating plant to the pond where it is desired to grow these favored plants.

Those who wish to make ponds the chief ornamental factor on their grounds and have a large tract of land at their disposal, will see from the following that there is one way in which the beauty of the tender *Nymphaea* can be enjoyed with but slight expense compared with the methods ordinarily practiced.

If a lake or pond of considerable size is on the ground or near at hand, the work can be commenced at once. At the surface of this body of water have a sufficient number of pipes that will supply the amount of water lost through drainage. This water is conducted to another pond of smaller dimensions than the preceding one. This, in turn, will be quite deep in one part, with a shallow arm in the other. From the deep part of this pond, but at the surface, have the pipes which lead into the pond where you wish to grow the tender *Nymphaeas*.

The surface water of the large pond is heated during the day by the sun. This warmed water is carried away by the pipes—they being near the surface—into the next pond, and enter it in the deepest part. The large shallow arm would become heated to quite a high temperature were it not for the deep and large body of water at the other end. As the water becomes heated it naturally intermingles with the cooler one of the deep basin, thus raising the temperature of this body considerably. With plenty of fish in the water this will be accelerated.

[To be concluded next week.]

IF YOU don't find what you want in our classified ads. let us know about it. We will find it for you if it is to be had.

TIME AND MONEY.

You can save time by consulting the Review's classified ads. when in want of stock.

You can save money by using the Review's classified ads. when you have stock to offer.

For Decoration Day...

FANCY....

COMMON FERNS,

Good and hard. Now here in cold storage.

Price per 1000, \$1.50; per 100, 20c.

American Beauties,	Common Carnations,	Asparagus,
Choice Roses,	Sweet Peas,	Smilax,
Fancy Carnations,	Peonies,	Sprengeri.

CAPE JASMINE, Extra Fine Flowers, per 1000, \$10.00; per 100, \$1.50.

BUY YOUR FLOWERS DIRECT FROM THE GROWERS.

We sell at market prices and guarantee our stock for freshness and quality.

BASSETT & WASHBURN,

76 Wabash Avenue, CHICAGO, ILL.
Greenhouses, HINSDALE, ILL.

Extra Fine Meteor Rose Plants

READY TO PLANT AT ONCE.

500 from 3½-in. pots, \$4.00 per 100.

1000 from 8-in. " 3.50 "

or the lot for \$50.00

Wanted — 300 Bride and 200 Maids, from 8-inch or 3½-inch pots.

J. F. AMMANN, EDWARDSVILLE, ILL.

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OTTO SCHWILL & CO.,

Florists

and Dealers in and Growers of Seeds.

Proprietors of Memphis Nursery. Are Headquarters for

SOUTHERN COW PEAS.

Established 1880.

Write for prices.

304 Front Street, MEMPHIS, TENN.

Mention The Review when you write.

BAY CITY, MICH.—Fire destroyed the seed house of Harry N. Hammond at Fife, Saginaw county, Sunday morning. Mr. Hammond's loss is estimated at \$35,000 and his insurance will only amount to \$18,000. The origin of the blaze is unknown.

FENTON, MICH.—Geo. Bridson, the florist, who has been seriously ill the greater part of the winter, is now about convalescent.

ESTABLISHED 1802

THORBURN'S SEEDS

Florists are invited to send for our quotations on

FORCING BULBS,
ROMAN HYACINTHS,
LILJUM HARRISII,
LILJUM LONGIFLORUM, etc., etc.

We are large importers of
HIGH CLASS BULBS.

J.M.THORBURN & CO.

(Late of 15 John Street)

36 CORTLANDT STREET, NEW YORK

Always Mention the....

Florists' Review

When Writing Advertisers.

**Don't Forget to
Read Kennicott's Advs.
Pages 786 and 801.**

Swanley White and Lady Campbell Violet Runners,
\$6 per 1000.

KENNICOTT BROS. CO.

42-44 E. Randolph St., CHICAGO.

We are booking orders now for the New Crop

FANCY AND FERNS! DAGGER

Will commence shipping first week in May.
Price \$1.00 per 1000. Special discounts to the
wholesale trade. Write or telegraph us.

Caldwell The Woodman Co., Inc., Evergreen, Ala.

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EVERY FLORIST
OUGHT TO INSURE
HIS GLASS AGAINST **HAIL**

FOR PARTICULARS ADDRESS

JOHN G. ESLER, Sec'y, SADDLE RIVER, N. J.

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SAMUEL S. PENNOCK. Wholesale Florist

{ Until further notice, will be open from }
6:30 a. m., to 10.00 p. m.

American Beauties and Valley Our Specialties. 1612-14-16-18 Ludlow St., Philadelphia, Pa.

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PHILADELPHIA.

Various Items.

The florists in this city report the cut flower business still on the decline, even transient trade seems to have fallen off, thus the consequence is a general glut of all kinds and colors of cut stuff. There was an exceptionally hot wave visited this city the past week. The thermometer went well up into the nineties in the shade and in consequence there was an abundance of stock on the market and very little demand for it.

Prices: Beauties, \$1 to \$3 per doz.; Brides, Maids, Kaiserins, Golden Gates, Meteors, \$5 to \$6 per 100; Perles, \$3 to \$5; Liberty, \$8 to \$15; carnations, ordinary, \$1 per 100; fancies, \$1.50 to \$2; daisies, \$1.50 per 100; callas and Harrisii, \$8 to \$10; mignonette, \$2 to \$3; sweet peas, 50 to 75 cents per 100; adiantum, 1 cent; asparagus, 50 cents; smilax, 20 cents.

A number of florists have quite a few advance orders for Decoration Day for the G. A. R. posts, both for cut flowers and plants.

Jacob Becker, of Fifty-second and Market streets, will sail on June 30th, on the steamer Weisland, for Bremen for a two months' stay, and will take in the Paris Exposition before he returns. He will also look up azaleas and other stock while on the other side. Mr. B. has not been abroad in seventeen years, and will, no doubt, be benefited by the trip.

Wm. H. Wyatt has rented a cottage in the country for the summer.

J. G. Elsele, of Eleventh and Columbia avenue, has been busy with funeral work the past week. Herman Elsele, the manager, deserves a great deal of credit for the manner in which he conducts the business.

Aug. Lutz, 311 N. Thirty-second, has been very busy the past week with decorations and delivering bedding stock. Mr. L. claims that business exceeds all previous years.

Geo. E. Campbell, 3601 Germantown avenue, delivered three wagon loads of bedding stock to one of the large hotels for Hugh Graham. This stock is used for vases and window boxes.

J. Kohlers & Sons, of Frankford, have their hands full with orders for filling vases, hanging baskets, etc.

Mr. Wm. C. Krick, of Brooklyn, N. Y., favored us with a visit the past week.

Horticultural Meeting.

At the monthly meeting of the Pennsylvania Horticultural Society on

PITTSBURG CUT FLOWER CO., Ltd. WHOLESALE FLORISTS.

Long Distance
Phone 2157.

CONSIGNMENTS SOLICITED.

No. 504 Liberty St.,
PITTSBURG, PA.

FLORISTS' SUPPLIES.

Write for Price List.

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Cabbage! Cabbage!

10 acres of plants now ready. Leading varieties. \$1.00 per 1000; \$8.50 per 10,000.

LETTUCE, Boston Market, Tennis Ball, Curled Simpson, Grand Rapids and other varieties, 15c per 100; \$1.00 per 1000; \$8.50 per 10,000, if by mail, add 10c per 100.

TOMATO, small plants for transplanting, in several varieties, 15 cts. per 100; \$1.00 per 1000.

PEPPER, small plants for transplanting, in several varieties, 25 cts. per 100; \$2.00 per 1000, if by mail, add 10 cts. per 100.

EGG PLANTS, New York Improved, for transplanting, 25c per 100; \$2.00 per 1000.

CELERY, White Plume and Golden Self-Blanching, 15c per 100; \$1.00 per 1000.

Other Vegetable plants in season. Cash with order.

R. Vincent, Jr. & Son, White Marsh, Maryland.

Mention The Review when you write.

Tuesday evening, May 15th, there were some good exhibits of hybrid calceolarias in competition for the Ridgeway prize. Thos. Roberts, gardener to Col. E. V. Morrell, Torresdale, came in for first prize; Wm. Kleinbewiz, gardener to Mr. P. A. B. Widener, Ogontz, landed second prize. For the Mitchell prizes for herbaceous or shrubby calceolarias, Geo. A. Brown, gardener to Robt. N. Carson, Chestnut Hill, was first, and John Hatcher, gardener to Edw. Le Boutillier, Wynnewood, second. For cauliflowers, Jas. Campbell, gardener to J. D. Winson, Haverford, carried off first honors, while Jos. Hosley, gardener to Mr. Jas. Rhodes, Ardmore, succeeded in landing second prize. Jos. Hosley staged a splendid collection of gloxinias in 4-inch pots. These were strong plants and well flowered. Mrs. Geo. B. Wilson exhibited a plant of Cattleya intermedia alba and Skinneri alba for which she received a silver medal and certificate in the order given.

The Florists' Gun Club attended the Pennsylvania state shoot, which was held in Chambersburg, Pa., under the auspices of the Chambersburg Gun Club.

CARROLL, IA.—A fire at the greenhouses of N. A. Neilson May 14 did only slight damage, being discovered early and prompt action taken. It threatened at first to be serious.

JOHN B. FERGUSON, Wholesale Florist,

444 Sixth Ave., PITTSBURG, PA.

LONG DISTANCE PHONE 2985.

We Command a Good Market.

Consignments Solicited.

Floral Fancies, Language of Flowers,

TWO NEW
ADVERTISING
SOUVENIRS
FOR THE
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Diffuse in poetry and sentiment. Of special interest to young people. Elaborate in designing, handsome and attractive. Inexpensive. Samples 4 cents in stamps.

DAN'L B. LONG, Publisher, Buffalo, N. Y.

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Cut Flower Exchange,

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NEAR THE FERRY.

Open Every Morning at 6 o'clock for the sale of CUT FLOWERS.

Wall space for Advertising purposes to Rent.

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EDWARD B. JACKSON, Wholesale Florist.

HARDY HERBACEOUS PLANTS ONLY.

In any quantity for the least money.

STAMFORD, CONN.

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Rose Plants

Good, Healthy Stock.

BRIDESMAIDS, KAISERINS, BRIDES,	3-inch,	\$4.00 per 100;
		\$35.00 per 1000.
	2½-inch,	\$3.00 per 100;
		\$25.00 per 1000.

Cash with order.

MARTIN A. MAGNUSON,

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E. G. HILL & CO., - - Richmond, Ind.
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E. H. HUNT

THE "OLD RELIABLE" FOR

**Wholesale
Cut Flowers**

Hunt's Flowers Go Everywhere.

76 Wabash Ave. CHICAGO.

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THE NURSERYMEN.

The American Association of Nurserymen will hold its twenty-fifth annual meeting at Chicago June 13th and 14th. The meetings will be held in the Chicago Beach Hotel, which will also be headquarters. This being the silver anniversary of the association, extra effort will be put forth to make the meeting a memorable one.

The program has not yet been completed, but thus far addresses have been promised as follows:

Wilson J. Peters, president's address; Prof. N. E. Hansen, of Brookings, S. D., "Some New Lines of Work for Prairie Nurserymen"; Robt. C. Berckmans, "The Future of the Nursery Business in Our New Possessions"; N. W. Hale, "The Retail Nursery Business"; Hon. N. H. Albaugh, "Reminiscences of the American Association and Its Members Up to the Silver Anniversary."

C. L. Watrous will have a report of exceptional interest concerning the work of the legislative committee.

There will also be reports from the committees on transportation and tariff.

The latest information may be had by addressing Geo. C. Seager, secretary, Rochester, N. Y.

SEEDSMEN TO MEET.

The eighteenth annual meeting of the American Seed Trade Association will be held at Chicago June 12, 13 and 14. Headquarters will be at the Grand Pacific Hotel and the meetings will be held in the parlors of the hotel. A very interesting program has been arranged and an enjoyable and profitable meeting is assured.

The officers of the association are: President, Alex. Rodgers, Chicago; vice-presidents, Albert McCullough, Cincinnati, and F. W. Bolgiano, Washington; secretary and treasurer, S. F. Willard, Wethersfield, Conn.

The entertainment of those in attendance at the meeting will include an excursion down the drainage canal to Lockport on the Hinda.

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Am. Beauties,	Per dozen.
extra long,	\$3.00 to \$4.00
24-in. stems,	2.50
20 "	2.00
short "	1.00
Carnations, fancy	Per 100
ordinary	\$3.00 to \$5.00
Brides	2.00 to 3.00
Bridesmaids	5.00 to 8.00
Poleos	5.00 to 8.00
Perles	3.00 to 5.00
Valley	3.00 to 4.00
Tulips	2.00 to 4.00

Sweet Peas	Per 100.
Lil. Harriell	\$ 0.50 to \$ 1.00
Calla Lilies	10.00 to 12.00
Paeonias	9.00 to 12.50
Adiantum	3.00 to 6.00
Asparagus	.75 to 1.00
Smilax	.50
Galax	15.00 to 20.00
Fancy Ferns, \$2.00 "	.15
Daisies	.20
Pansies	.50
Phloxette	.25 to .50
	1.00 to 3.00

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Get our prices on Carnation Cuttings and Rose Plants.

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Bassett & Washburn**76 Wabash Ave., CHICAGO, ILL.****Wholesale Growers of CUT FLOWERS**

Greenhouses at Hinsdale, Ill.

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A. L. RANDALLTelephone
1496**Wholesale Florist,****4 Washington St., Chicago.**

In our new and enlarged quarters we are better prepared than ever to handle your orders.

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WHOLESALE GROWER OF ROSES. DEALER IN CUT FLOWERS.**J. A. BUDLONG,****37-39 Randolph St., CHICAGO, ILL.**

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Maplewood Cut Flower and Plant Co.**GEO. M. KELLOGG, Pres.**

Growers of CUT FLOWERS at Wholesale.

Regular shipping orders given special attention. We have the largest plant west of Chicago.

Store: 906 Grand Ave., KANSAS CITY, MO
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Consignments Solicited.

Special Attention given to Shipping Orders.

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WIETOR BROS.**Wholesale Growers of Cut Flowers.**

All telegraph and telephone orders given prompt attention.

51 Wabash Avenue, CHICAGO.

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BENTHEY & CO.**F. F. BENTHEY, Mgr.****WHOLESALE AND COMMISSION Florists.** Consignments Solicited.**41 Randolph St. CHICAGO.**

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C. A. KUEHN WHOLESALE FLORIST

Cut Flowers and Florists' Supplies.

Manufacturer of the Patent Wire Clamp Floral Designs. A full line of supplies always on hand. Write for catalogue and prices.

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ELLISON & TESSON, WHOLESALE SHIPPING**FLORISTS****3134 Olive Street, ST. LOUIS, MO.**

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CAPE JASMINES, \$1.50 to \$2.00 per 100.

ADIANTUM, 60 CENTS per 100; 500 for \$2.00.

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And Dealers in All Kinds of

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42 and 44 E. Randolph St., CHICAGO, ILL.

Address all mail or telegrams direct to the firm to insure promptness.

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	Per 100
Am. Beauties, short.....	\$ 8.00 to \$10.00
Am. Beauties, medium.....	15.00 to 18.00
Am. Beauties, fancy, fair length.....	20.00 to 25.00
Am. Beauties, long.....	35.00 to 40.00
Meteors, extra select.....	6.00 to 8.00
Brides, Maids, extra select.....	6.00 to 8.00
Meteors, Bride, Maids good average.....	5.00 to 6.00
Perles, extra select.....	5.00
Carnations, special fancy varieties.....	3.00 to 4.00
Carnations, good average.....	2.00 to 2.50
Peonias.....	5.00
Valley.....	2.50 to 4.00
Smilax.....	16.00 to 20.00
Harrisii.....	10.00 to 12.50
Cape Jasmine.....	1.50 to 2.00
Daisy, Forget-me-not.....	1.00 to 1.50
Adiantum.....	500 for \$2.00
Asparagus.....	per string, 50c
Galax.....	per M, \$1.50
Common Ferns.....	per M, 2.00
Common Ferns and Galax, 500 sold at 1000 rate.	
5000 Common Ferns, \$7.50.	

All Flowers in Season at lowest market rates.

Store open until 6:30 p. m. week days, until Noon Sundays and Holidays.

We always ship extra select or high-grade goods unless otherwise ordered.

WE HAVE arranged with the largest growers of CAPE JASMINE GRANDIFLORA for a big supply. Don't get fooled and buy the common kind.

We have more than 1000 dozen Peonies, and will try to have a full line of everything of as good as can be had.

The past hot weather with the sudden change to cold has mildewed some of the rose stock.

We will also have plenty of Adiantum, Smilax, Common Ferns, Daisies, Valley, Harrisii, Carnations, in fact, as usual, if anything is on the market, we will have it and at Chicago market price at time of shipment.

Get your order in. First come, first served.

PAEONIES, PINK AND WHITE, \$5.00 per 100.

DECORATION DAY

CAPE JASMINES, \$1.50 to \$2.00 per 100.

ADIANTUM, 60 CENTS per 100; 500 for \$2.00.

BRANT & NOE, Forest Glen, Chicago, Ill.

WHOLESALE GROWERS OF **ROSES**

Ship Fresh Roses Direct from Greenhouses to Retailers. Carefully graded. Prices Right. Try us.

Variegated Vincas, strong plants twice transplanted ready for 3-in. pots, \$2.50 per 100. **RED BECKIA**, fine strong plants, 3-in., \$3.00 per 100. **FORGET-ME-NOT**, winter flowering, 2 1/2-in. and 2 1/2-in., \$2.00 per 100. **DOUBLE ALYSSUM**, White Paris Daisy and Ageratum, white and blue, from flats, \$1.50 per 100. Cash with order please.

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Only 20,000 Young Roses Left

and Planting Season just commencing. Our stock consists of—

American Beauties.....in 2, 2 1/2 and 3-inch pots.	Wootons.....in 2, 2 1/2 and 3-inch pots.
Perles.....in 2 1/2 " " "	Golden Gate.....in 2 and 2 1/2-inch pots.
Maids.....in 2, 2 1/2 " " "	La France.....in " " "
Brides.....in 2 and 2 1/2-inch pots.	Belle Seibrecht.....in " " "
Kaiserin Victoria.....in " " "	

We believe in shifting Young Roses often. All stock offered in 2 1/2-inch pots has been shifted from 2-inch and is equal to most stock advertised in 3 inch, and when we send it out is well established. Send 50c or \$1.00 for samples and prices. Stock will please you and prices are right.

Last Call for DECORATION DAY.....

5,000 Geraniums, in 3 and 4-in. pots, red, white, pink, salmon and mixed. **Salvias**, 2 1/2-in. pots. **Vincas**, 3 and 4-in. pots. **Begonias**, 3 and 4-in. pots. **Cannas**, 3 and 4-in. pots. **Caladiums**, 6-in. pots. **Tube Roses**, 3-in. pots. **Boston Fern**, 6-in. pots. **Heliotrope**, 3 and 4-in. pots. **Verbenas and Pansies** by the thousand.

Write or wire.....**GEO. A. KUHL, PEKIN, ILL.**

ST. PAUL.**Various Items.**

Bedding business has scarcely begun. Owing to the late Easter all stock is a little backward, and from present indications will be all used up before the close of the season. Good geraniums in 4-inch pots are quoted at 7 to 10 cents each at wholesale, and \$1.50 to \$2 per dozen at retail. This price in most instances including the planting. Pansies have been in good demand. The late frosts injured the early blooms somewhat, but stock in general is very good.

The cut flower trade has been very good, with stock of good, bad and indifferent quality. The late Easter and the consequent rush of work with bedding plants caused many roses and carnations to be neglected, while the alternate cold nights and warm days have pinched the blooms and mildewed the plants. The growers may still learn a lesson from the old adage, "Whatever is worth doing at all is worth doing well." This is particularly apropos in growing cut flowers.

The evening of the 13th we had a severe storm of hail, wind and rain. Damage to the florists was merely nominal, caused by hail breaking the glass. Carlsen & Lauritsen lost a few hundred feet, Christ Hansen had considerable broken and L. L. May & Co. had a loss of about 2,000 feet. As they all carry hail insurance the loss will not be very heavy.

Inquiries for cut flowers for Decoration day would indicate a very heavy trade for that occasion. The careful store men will lay in a big supply, as last season's supply was wholly inadequate for the demands.

Work at our beautiful parks has just begun. Quite a good many geraniums have been put out already, and the week will see a great many more planted.

Recent visitors were Mr. Taat and Mr. Van Waveren, both of Holland. May their shadows never grow less.

X. Y. Z.

OCEANIC, N. J.

A very animated meeting of the Monmouth County Horticultural Society was held at Red Man's Hall, Oceanic, N. J., May 18. Dr. W. S. Whitmore delivered an address which will appear in an early issue, upon "The Cultivation of Flowers; Their Influence upon Society and Their Benefit to Gardeners." The doctor is well known for his excellent speeches, but this one created a sensation. A lively debate followed, in which Pres. Kettel, Prof. Walling, Whit. Williams, Mrs. V. A. Legier, Miss Jennie Brill and others took part.

B.

GRAND VIEW, IA.—Geo. W. Dawson has sold to Peter Rechtfertig the greenhouse which was built last summer by S. I. Williams. The consideration was \$1,600.



Bay Trees!

IN
ALL
SIZES.

PYRAMIDAL

...OR...

STANDARD FORM

Bobbink & Atkins,

RUTHERFORD, N. J.

Mention The Review when you write.

Good Stock

	Per 100
5000 Geraniums, named, our selection, 4-in.	\$8.00
4000 Obconica, 4-in.	6.00
5000 Alternanthera, large leaved, pink, 2½-in.	2.00
2000 Fuchsias, choice mixed, 2½-in.	2.00
1000 Hydrangeas, Dr. Hogg, 5-in.	15.00
2000 Flowering Begonias, our selection.	1.50
5000 Double Petunias, mixed, 4-in.	6.00
1000 True Maidenhair Ferns, 2½-in.	4.00
1000 Salvias, Clara Bedman, 2½-in.	2.00
200 Boston Ferns, 6-in., strong	20.00
11000 Asparagus Plumosus, from flats	2.00
1000 " " from soil, 7-in.	20.00
2000 Petunias, 3-in., mixed	4.00
2000 Mixed Geraniums, 2½-in.	2.00
1000 Hardy Grass Pinks, pink bloom clumps	3.00
1000 Stock Plants, flowering Begonias, mixed, 6-in.	10.00
2000 Verbenas, named, 2-in.	1.00
10000 Coleus, named, 2-in.	1.50
2000 Iresines, yellow, also red, 2½-in.	1.50

The Morris Floral Co.
MORRIS, ILL.

Mention The Review when you write.

See our **DECORATION DAY**

..... **PRICE LIST** on page 801

and place your orders early with
the oldest, largest and most reliable
Cut Flower Commission House in the West.

KENNICOTT BROS. CO.,

42-44 Randolph Street,

..... **CHICAGO**

Pansies Worth Raising.

Small Plants
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at \$2.00 per 100 and up.

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GENEVIEVE LORD from sand, grand stock, \$10.00 per 100; \$75.00 per 1000.

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And others from 2½-in. pots, \$2 per 100, \$15 per 1000

HARDY POMPON CHRYSANTHEMUMS

in 10 named varieties, 2½-in. pots, \$2 per 100; \$15 per 1000. 10 named varieties rooted cuttings, \$1 per 100; \$7.50 per 1000.

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Extra Strong METEOR ROSE PLANTS

2½-in. Pots, Now Ready.

Surplus stock from plants reserved for our planting, at the low price

\$2.50 per 100, **\$20.00** per 1000

Address **THE FLORAL EXCHANGE, Inc.**

Edgely, Bucks Co., Pa.

The home of the famous new Rose,

"The Queen of Edgely," PINK AMERICAN BEAUTY....

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NEW CARNATIONS.

We are now ready to receive orders for strong rooted CUTTINGS.....

GEN. MACEO..... } \$1 per doz., \$6 per
G. H. CRANE..... } 100, \$50 per 1000.
GLACIER..... }
MORNING GLORY..... }

GEN. GOMEZ..... } 75c per doz., \$5 per
MRS. G. M. BRADT } 100, \$40 per 1000.

WHITE CLOUD..... } 50c per doz., \$4 per
GOLD NUGGET..... } 100, \$30 per 1000.

25 at 100 rate. 250 at 1000 rate.

We have Fine Large Stocks and will deliver only Fine, Strong, Well-Rooted Cuttings.

THE COTTAGE GARDENS, - QUEENS, N. Y.

Mention The Review when you write.

..ETHEL CROCKER..

30,000 Plants from soil for April and May delivery

Crocker has filled every claim made for it and is worth a trial by every grower who wants the Best Pink Carnation in the market. 25 for \$2.50; 100 for \$10; 250 for \$18.75; 1000 for \$75.

PANSIES

Freya and Fairy Queen.

Two good bedding novelties. Transplanted seedlings at \$1.00 per 100.

A few of my regular strain. Write for prices.

DWARF PETUNIA.

Adonis, carmine with pure white throat, and Snowball, a pure white. They are always in bloom and a good plant for retail. 25 of each for \$1.00, or \$2.00 per 100 from 2-inch pots.

ALBERT M. HERR, - - Lancaster, Pa.

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Read Kennicott's Advs.
Pages 786 and 801.

Swanley White and Lady Campbell Violet Runners,
\$6 per 1000.

KENNICOTT BROS. CO.

42-44 E. Randolph St., CHICAGO.

GERANIUMS.

S. A. Nutt and Bruanti, \$3.00 per 100 without \$7.00 with pots. Mme. Sallerol, 3-in., \$3.50 per 100.

CANNAS, Star of '91, also a mixed lot of Florence Vaughan, Burbank, Austria, J. D. Cabos, etc., \$8.00 per 100.

CRABB & HUNTER, Grand Rapids, Mich.

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Carnation Plants.

Large stock of plants from Soil

Ready for the Field.

Write for prices on what you want.

GEO. HANCOCK & SON, Grand Haven, Mich.

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75,000 Semple's Asters

Strong plants, per 1000, \$2.50;
per 2,500, \$8.00.

Dracaena Indivisa,

From 2-inch pots, 18 inches tall.
per 1000, \$20.00; per 2500, \$45.00.

Asparagus Plum. Nan.,

Clumps, fine stock,
\$25.00 per 100.

Florists' Supply Co.,

Box 56. NORTH TONAWANDA, N. Y.

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Extra Strong Plants of Joost, from Soil.

\$15 and \$20 per 1000, according to size.

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Carnations. F. DORNER & SONS CO.

LA FAYETTE, IND.

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IMPORTANT.

Before ordering any goods anywhere
send in your list of wants for
lowest **GUARANTEED** prices.

F. W. O. SCHMITZ, Jersey City, N. J.

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COLEUS. ROOTED CUTTINGS.
Verschaffeltii, Golden
Queen; assorted kinds,
usual prices. **L. H. FOSTER, 45 King
Street, Dorchester, Mass.**

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Pages 786 and 801.

Swanley White and Lady Campbell Violet Runners,
\$6 per 1000.

KENNICOTT BROS. CO.

42-44 E. Randolph St., CHICAGO.

TAXING FLORISTS.

(Continued from last week.)

In Boston they have never taxed plants in pots or planted out, though the former can be taxed as personal property or stock in trade—whatever is on hand when the assessor takes the valuation and the latter added to the value of the real estate. But they do not go to that trouble here, as it is not considered worth while.

My experience in the city of Newton was this: The real estate did not belong to me, but the stock did. They taxed me in personal property instead of plants. I went before the assessor to remonstrate, with the result that the city solicitor admitted they had no right to tax the property as personal, since which time the city of Newton has made no assessment on greenhouse stock. The same holds good in the city of Boston. They have never taxed the stock in greenhouses.

W. H. ELLIOTT.

Brighton, Mass.

I have been in business here for 35 years and I have never listed plants in pots or in bench or the soil, and have never been asked to list them for taxation.

JNO. G. HEINL.

Terre Haute, Ind.

PROVIDENCE, R. I.

The regular monthly meeting of the Florists' and Gardeners' Club of Rhode Island was held in Franklin hall, this city, May 10, and was attended by a large number. The principal discussions were in relation to the annual convention of the Society of American Florists, and the holding of a carnation exhibition in connection with the June meeting of the club. The latter was deemed inadvisable this season. The convention of the S. A. F. will be held this year in New York city in August. The local delegation will be joined here by the Boston contingent, both going by boat.

FRANKFORT, KY.—John Kraehenbuhl has rented the R. H. Nicol greenhouses, containing about 1,500 square feet of glass, and has started in the business.

100,000 PLANTS. EXTRA FINE STOCK....

	Per 100		Per 100
Alternantheras, 2¼-in.....	\$2.50	Geraniums, Mme. Salleroy, 2¼-in.	\$4.00
Anthemis, dble. yellow Marguerite, 2¼-in.....	4.00	" Mme. Salleroy, 3-in...	8.00
Anthemis, dble. yellow Marguerite, 3-in.....	6.00	" Ivy, 2¼-in.....	4.00
Begonia Rex, 2¼-in., \$4.00; 4-in...	10.00	Lobelia, 2¼-in.....	3.00
Coleus, 2¼-in.....	3.00	Maurandya Vine, 2¼-in.....	3.00
Cobea Scandens, 2¼-in.....	3.00	Petunias, single, 2¼-in., \$3.00; 3-in.	5.00
" " 3-in.....	5.00	" double, 2¼-in., 6.00; 3-in.	8.00
Dracaena Ind., 3-in., \$10.00; 3¼-in.	15.00	Palm Washingtonia filifera, 2¼-in.	4.00
" " 4-in.....	25.00	" " " 3-in.	6.00
" " 5-in.....	\$35.00 to 50.00	Pansy Plants, bud and bloom.....	2.00
Fuchsias, 2¼-in., \$4.00; 3-in.....	6.00	" " med., per 1000, \$8.00.	1.00
Geraniums, Mars, 2-in., \$6.00; 3-in.	8.00	Salvia, 2¼-in.....	3.00
" S. A. Nutt, 2¼-in.....	6.00	" 3½-in.....	6.00
" La Favorite, 3 in.....	6.00	Vincas, 2¼-in., 3.00; 3-in.....	6.00
" Mme. Salleroy, 2-in...	3.00	" 3½-in., 8.00; 4-in.....	10.00
		" 5-in.....	15.00

Terms Cash or C. O. D.

GREENE & UNDERHILL, - WATERTOWN, N. Y.

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Burpee's Seeds Grow

Mention The Review when you write.

10,000 Excellent STOCKY LATANIA.... 4-INCH

READY FOR SHIPPING. \$20.00 per hundred; \$190.00 per thousand.

WALTER RETZER & CO., 2045-2059 CLARENDON AVE.
Successors to Albert Fuchs, CHICAGO, ILL.

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XXX SEED.

The Home of Primroses.

PRIMULA OBCONICA GRAND. ROSEA. The finest of the improved Obconicas, 1000 seeds, 50 cents.

CINERARIA SEED of finest large flowering dwarf varieties in best mixture, 1000 seeds, 50 cents.

JOHN F. RUPP, Shiremanstown, Pa.

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FRESH FERN SPORES.

WE ARE HEADQUARTERS—Extra large package of fresh spores, sufficient for 3000 plants, with full cultural directions, postpaid for \$1.00. Collection of 12 distinct varieties, each separate, \$5.00.

EMERSON C. McFADDEN, - U. S. Exotic Nurseries, - SHORT HILLS, N. J.

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Special Low Offer.

BOSTON FERN. 8-in. pans; clean, healthy, well shaped plants; fine for porches. \$1 00 each. (Formerly \$1.50 each.) Cash.

John Welsh Young, GERMANTOWN, PA.
Upsal Station, Penna R. R.

Mention The Review when you write.

BEDDING PLANTS.

Ageratum, dwarf blue, in bud and flower, stocky plants, 8-in., \$3.00 per 100. **Lobelia**, dwarf blue, large plants, in full flower or bud, 8-in., \$3.00 per 100. **Heliotrope**, rooted cuttings, dark blue, \$1.00 per 100; 2-in., \$2.00 per 100; 8-in., in bud, \$3.00 per 100. **Verbenas**, rooted cuttings, 50c per 100; \$1.00 per 1000. **SAMUEL WHITTON,**

15 and 17 Gray Avenue, UTICA, N. Y.

Mention The Review when you write.

FOR SALE. Marie Louise Violets....

20,000 sand rooted cuttings will be ready June 20. These cuttings are clean and free from disease. Please come and see for yourself. The above cuttings are \$15.00 per 1000; cash with order. Orders booked now. Also, clumps of Marie Louise Violets at \$1.00 per 100—clean and full of well rooted runners.

G. LAWRITZEN, Flat Rock Greenhouses, Rhinebeck, N. Y. (On the Hudson.)

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E. G. Hill & Co.

Wholesale Florists,

RICHMOND, INDIANA.

Mention The Review when you write.

Last Chance to get Stock Cheap

ROSES! ROSES! ROSES!

We make the growing of Roses a specialty and carry an immense stock of them. Our aim is to give value for value.

The following varieties at \$2.00 per hundred, \$17.50 per thousand; 25 at hundred rates, 100 at thousand rates, 30c per dozen.

Augustine Halem	Clothilde Soupert	General Tartas	Mde. Welche	Marie Guillott	Souv. de Un Ami
Aline Sisley	Catherine Mermet	General R. E. Lee	Mde. Abel de Chatney	Maurice Rouvier	Snowflake
Antoine Verdier	Comtesse de Frigneuse	Golden Chain	Mde. Eli Lambert	Marechal Robert	Sombreuil
Adam	Cornelia Cook	Henry M. Stanley	Mde. Schwallier	Monsieur Furtado	Souv. de la Malmaison
Anna Olivier	Chas. Legrady	Helen Cambier	Mde. Scipion Cochet	Marie Ducher	Souv. de Pres. Carnot
Archduke Charles	Claire Carnot	Isabella Sprunt	Mde. Caroline Kuster	Mosella	Souv. de C. Guillott
America	Coquette de Lyon	Joseph Metral	Mde. Margottin	Marechal Niel	Souv. de Mme. Eugene
Alister Stella Gray	Comtesse Riza du Parc	Jule Finger	Mde. Pauline Labonte	Perle des Jardins	Verdier
Bertha Clavel	Duchess of Albany	La France	Mde. Jure	Princess Venosa	Striped La France
Bridesmaid	Devoniensis	Letty Coles	Mde. de St. Joseph	Pink Rambler	The Queen
Bougere	Dr. Grill	La Princess Vera	Md'lle C. Berthod	Ophelia	The B-side
Baltimore Belle	Duchess de Brabant	Louis Phillippe	Md'lle F. Kruger	Queens Scarlet	Tri. de Pernet Pere
Bennett's Seedling	Empress Eugenie	Louis Richard	Marie Van Houtte	Reine O. de Wurtemb'g	Vicountess Wautier
Caroline Marniesse	Empress of China	Mde. de Watteville	Meteor	Mrs. Robert Garrett	White Daily
Christine de Noue	Enchantress	Mde. Hoste	Media	Royal Cluster	White Rambler
Climbing la France	Etoile de Lyon	Mde. Lambard	Maman Cochet	Reine Marie Henrietta	White La France
Crown Prin's Victoria	Golden Gate	Mde. Pernet Ducher	Muriel Graham	Safrano	W. A. Richardson
					Yellow Rambler

...NEWER ROSES...

	Price per Doz.	Per 100		Price per Doz.	Per 100
Admiral Dewey.....	\$1.50		Ferdinand Jamain.....	\$0.60	\$ 4.00
Baldwin.....	1.00	\$7.00	Helene (The New Rambler).....	.60	4.00
Bardou Job.....	.60	4.00	Mrs. Robert Peary (or Climbing Kaiserin).....	.60	4.00
Climbing Bridesmaid.....	.75	4.00	Maid of Honor.....	.60	4.00
Climbing Paul Neyron.....	.60	4.00			

Manda's Evergreen Memorial Roses.

	Per doz.	Per 100
Jersey Beauty.....	\$0.75	\$5.00
Gardenia.....	.75	5.00
Evergreen Gem.....	.75	5.00

Memorial or Wichuraiana Roses.

Price 40c per doz., \$2.50 per 100, \$20.00 per 1000.	
Manda's Triumph,	Pink Roamer,
Universal Favorite,	Mrs. Lovett,
South Orange Perfection,	Rosa Wichuraiana.

LAST CALL. LAST CALL.

We also offer choice stock of the following plants. All plants are from 2½-inch pots, unless otherwise mentioned.

	Per doz.	Per 100		Per doz.	Per 100		Per doz.	Per 100
Abutilon, 6 leading sorts.....	\$0.30	\$1.00	Cyclamen Giganteum.....	.30	2.00	Nierembergia.....	.25	2.00
Aloysia (Lemon Verbena).....	.25	1.50	Crinum (milk and wine Lily).....	.75		Orange Otahite.....	.60	2.00
Achania Malvaviscus.....	.25	1.50	Cratons, 10 leading sorts.....	.40	2.50	Orange Otahite, 3-inch pots.....	.50	4.00
Apple Geranium.....	.40	2.50	Dracaena Indivisa.....	.30	2.00	Oleanders, double pink, yellow and		
Ampelopsis Veitchii (Boston Ivy).....	.40	2.50	Ficus Elastica (India Rubber tree).....	3.00	20.00	white.....	.50	4.00
Abelia Rupestris.....	.40		Fuchsias, all the best varieties, in-			Olea Fragrans.....	1.50	
Agathea Celestis, the Blue Marguer-			cluding double and single.....	.25	1.50	Pomegranates.....	.30	2.00
ite.....	.30	2.00	Ferns, Nephrolepis Cordata Com-			Primrose, Chinese.....	.40	2.50
Ageratum, 3 kinds, Princess Paul-			pacta and Pectinata.....	.40	2.50	Primula Obconica.....	.40	2.50
ine—blue, white and variegated.....	.25	1.50	Ferns, Nephrolepis Exaltata.....	.40	2.50	Forbesii (Baby Primrose).....	.30	2.00
Asparagus Sprengerii.....	.30	2.00	Ferns, Lygodium Scandens, climb-			Pittosporum, Tobira, 3-inch pots.....	.75	
Anemone Whirlwind.....	.30	2.00	ing fern.....	.40	3.00	Plumbago, Lady Largent, hardy.....	.40	2.50
Antigonon Leptopus (or Mountain			Genista Canariensis.....	.30	2.00	Sanguinea.....	.40	2.50
Beauty).....	.40	2.50	Grevilla Robusta.....	.25	2.00	Passiflora, Constance Elliott, hardy	.40	2.50
Araucaria Excelsa, 5 or 6 tiers \$1.00			Hydrangeas (Otaksa, Hortensis,			Phlox, hardy Perennial, choice as-		
each.....	9.00		Monstrosa and Thomas Hogg).....	.40	2.50	sortment.....	.40	3.00
Alyssum Sweet, double.....	.25	2.00	Honeysuckles (Chinese Evergreen,			Palm Latania Borbonica, 2½-inch.	.50	4.00
Aspidistra Lurida.....	.60	4.00	Red Coral, Halliana and Golden			3-inch,		
Acalypha Sanderii.....	.75		Leaved).....	.30	2.00	fine plants.....	1.00	8.00
Amaryllis Equestre.....	.75	5.00	Helleborus (or Christmas rose).....	.75		Palm Phoenix Reclinata, 3-inch.....	1.00	8.00
Blue Spirea (Caryopteris Mastacan-			Hibiscus, 10 leading sorts, includ-			Canariensis, 2½-inch.....	.50	3.50
thus).....	.40	2.50	ing Cooperii Tricolor.....	.30	2.00	Livistonia Rotundifolia, 3-in.....	2.00	
Begonias, flowering, 8 varieties.....	.40	3.00	Ivy, German.....	.25	1.50	Areca Lutescens 2½-in. pots.....	.50	4.00
Cyperus Alternifolius (Umbrella			Ivy, English.....	.40	3.00	Washingtonia Filifera, 2½-in.		
Plant).....	.25	1.50	Impatiens Sultani.....	.25	2.50	pots.....	.25	1.50
Cestrum, Night Blooming Jasmine.....	.25	2.00	Jasmine, Gracillimum.....	.40	2.50	Rhynchospermum Jasminoides.....	.40	2.50
Cryptomeria Japonica (Japan Ce-			Grandiflora.....	.40	2.50	Rhododendron, 2 colors, crimson		
dar).....	.40	2.50	Grand Duke.....	.50	3.00	and pink, 75c each.....	7.00	
Caladium Esculentum, fine bulbs.....	.40	3.00	Justicia, 2 kinds.....	.30	2.00	Russelia Juncea.....	.40	2.50
Carnations, leading sorts.....	.30	2.00	Laurestinus.....	.50	3.50	Smilax.....	.25	1.50
Chrysanthemums, leading varieties.....	.25	2.00	Lantanas leading sorts.....	.30	2.00	Stapelia.....	.30	2.00
Cereus Grandiflorus (The Queen of			Lantana Weeping.....	.25	1.50	Swainsona, pink and white.....	.30	2.00
Night Cactus).....	.30	2.00	Lemon of Sicily.....	.40	2.50	Strobilanthes, or Royal Purple.....	.30	2.00
Campylobotrys Regia.....	.40	2.50	Linum Trigynum.....	.30	2.0	Salvia Splendens.....	.30	2.00
Coleus leading sorts.....	.30	2.00	Lily of the Valley, pips.....	.20	1.25	Sanseveria Zelanica.....	.30	2.00
Camellias, 18 to 24 inches in height,			Matrimony Vine.....	.30	2.00	Selaginella Emellina.....	.30	2.00
well branched, 50c each.....	5.00	40.00	Meyenia Erecta, two kinds, white			Vinca Variegata.....	.30	2.00
Calla Ethiopica, fine bulbs.....	.50	3.50	and blue.....	.30	2.00	Violets, California, hardy Russian		
Callas (Little Gem), blooms when			Mabernia Odorata (Honey Bells).....	.30	2.00	and Lady Hume.....	.40	2.50
6 inches high.....	.40	3.00	Myrtis Communis, sweet scented			Verbenas.....	.30	2.00
Carex Japonica Variegata.....	.30	2.00	foliage.....	.40	2.50			

THE GOOD & REESE CO., Springfield, O.

CLASSIFIED PLANT ADVERTISEMENTS.

Rate for advertisements under this head, 10 cents a line net, per insertion. New advs. and changes must reach us by Wednesday morning at latest to secure proper classification in issue of Thursday.

ABUTILON.

Abutilons, 3 varieties, 2½-in., \$2.00 per 100.
H. Millingar, Merchantville, N. J.
Abutilon Souv. de Bonn, 3-in., \$4.00 per 100.
Geo. L. Miller, Newark, Ohio.

ACACIAS.

Acacia Pubescens, 4 feet high, \$2.00 each; cash with order.
John Boll, 549 Fulton St., Jamaica, N. Y.

ACALYPHA.

Acalypha Marginata, 2½-in., \$4.00 per 100.
McGregor Bros., Springfield, Ohio.
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John Lucas & Co., Philadelphia, Pa.

Greenhouse glass a specialty. Sprague, Smith Co., 207-209 Randolph st., Chicago.

Greenhouse glass. Benjamin H. Shoemaker, 205 to 211 No. Fourth st., Phila., Pa.

INSECTICIDES.

TOBACCO STEMS, the good, strong kind only. 60 cts. per 100 lbs.; bales 450 lbs.

TOBACCO DUST, the black stuff, 3 cts. per lb.; 50 to 1000 lbs.

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115 West st., New York City.

Nikoteen. Does not injure the most sensitive plants. Endorsed by prominent florists. Used for fumigation or spraying, indoors or out. 200 lbs. of tobacco in one pint of Nikoteen. Sold by seedsmen. Circular free.
Skabcura Dip Co., Chicago.

Slug Shot kills insects on currants, etc. In use since 1880. Is effective and safe to use. Sold by seedsmen everywhere. Send for free booklet on bugs and blights to B. Hammond, Fishkill-on-Hudson, N. Y.

Nicomite (patent) Vapor Insecticide. A certain killer of insect pests. Sold by seedsmen. Tobacco Warehousing and Trading Co., Louisville, Ky.

PIPE AND FITTINGS.

CAST IRON GREENHOUSE PIPE in 9-foot lengths, and pipe fittings, valves, etc. GREENHOUSE BOILERS, conical, sectional and self-feeding.

THOS. W. WEATHERED'S SONS,
46 and 48 Marion St., NEW YORK.

Wrought iron pipe, valves, fittings, etc., for steam and hot water; rubber hose, pumps and well points.

Wm. H. Kay, 42 Dey st., New York.

Full line of pipe and fittings. Send for latest prices. S. P. Conkling, 20 East Atwater St., Detroit, Mich.

Iron Pipe and Fittings. Rundle & Spence Mfg. Co., 63 Second St., Milwaukee, Wis.

Iron Pipe and Fittings for florists.
The Kelly & Jones Co., Pittsburg, Pa.

The Florists' Manual, by William Scott, is a whole Library on Commercial Floriculture.

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Standard Pots. We are now ready to supply a superior quality of Pots in unlimited quantities. Catalogues and price-lists furnished on application.
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Standard Flower Pots. If your greenhouses are within 500 miles of the Capitol, write us; we can save you money. W. H. Ernest, 28th and M Sts., N. E., Washington, D. C.

Flower Pots of all kinds. Standard Pots a specialty. List and samples free. Swahn Pottery Mfg. Co., Box 78, Minneapolis, Minn. Factory, Marshall and 25th Ave., N. E.

Red Standard Pots, wide bottoms, well burned and porous. Reduced prices.
Harrison Pottery, Harrison, Ohio.

Flower Pots. Before buying write us for prices. Geo. Keller & Son, 361-363 Herndon St. (near Wrightwood Ave.), Chicago.

For the best Plant Tubs, address Mann Bros., 6 Wabash Ave., Chicago.

POT HANGERS.

Krick's Flower Pot Hanger. Just the thing to display your plants by hanging them on the walls, etc., especially when crowded for room. No. 1 will fit 2 to 5-in. pots, 30c per doz.; No. 2, 5 to 8-in., 40c per doz.; No. 3, 8 to 12-in., 50c per doz. Sample pair, 10c postpaid.
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The Kinney Pump. For applying liquid manure it has no equal. Sent prepaid for \$2.50. Without spraying valve, \$2.00. Address The Hose Connection Co., Kingston, R. I.

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When in want of Raffia, write Jacob & Allison, Importers, 63 Pine st., New York.

The Florists' Manual, by William Scott, is a complete reference book for commercial florists.

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We are headquarters for Sphagnum. Just received several carloads.

Per bale, \$1.00.
Six bales, \$5.00.
Ten bales, \$7.50.
Write for prices on large quantities.
McKellar & Winterson, 45, 47, 49 Wabash Ave., Chicago.

We gather our moss and it is the best to be had. Bales, 4 1/2 feet long, 18 inches wide and 20 inches deep, weighing when well dried 40 lbs., 80 cents per bale; 10 bales, \$7.00. Green moss, \$1.00 per bbl.
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Tendrils for wire supports to roses and carnations. Hold plants firmly but with freedom. Write to H. Thaden & Co., 23 So. Broad st., Atlanta, Ga.

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We are headquarters for Wire Work.
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THE FLORISTS' MANUAL.

I greatly appreciate the Florists' Manual. It is a splendid text book.

JOHN WELSH YOUNG,
Germantown, Pa.

The Florists' Manual is worth five times the price. It is just what a busy florist wants.

B. BUEHLER & SON,
Columbus, O.

PLEASE MENTION THE REVIEW WHEN WRITING ANY OF THESE ADVERTISERS.

GREENHOUSE BUILDING.

We have received from the Lord & Burnham Co., St. James building, New York City, a copy of their new "Catalogue of Greenhouses." It is really more of a portfolio than a catalogue, containing over fifty fine half-tone plates beautifully printed on enameled paper, of conservatories and ranges of greenhouses erected by the company in various sections of the country. These show a great variety in greenhouse and conservatory construction and no doubt assist many prospective builders in deciding upon the style of structure they wish.

The book also contains many engravings from drawings of sections of different styles of structures, showing the manner in which the parts are put together. It is a very instructive as well as interesting catalogue. Any intending builder may obtain a copy by addressing the company as above and enclosing 5 cents for postage.

COE RIDGE, OHIO.

The manager of the Essex Greenhouse, Mr. H. W. Turner, has just finished four houses, each 25x100, one house 20x100 and a glass enclosed shed 8x100. These houses are to be planted to roses, two of them to Beauties. Later, two carnation houses will be built.

Carnation growing will be a new departure for them, as they have been growing roses mostly, with a few ferns and asparagus, also a few bulbs. They have been sending in the best Maids in the Cleveland market, and some very fine Golden Gates, too.

Reep Bros. have purchased twenty acres of land. They intend to move their houses to this tract and will add some new ones.

ACME.

HOWELL, MICH.—J. A. Brown, the florist, and Miss Minnie J. Lare were married May 10.

McPHERSON, KAN.—C. A. Simonson has built a greenhouse here and entered the ranks of the commercial florists.

WANT ADVERTISEMENTS.

Advertisements under this head 10 cents a line, an average of seven words to the line.

FOR SALE—At once—Four acres, two dwellings, barn, eleven greenhouses, 18,000 feet of glass; in a thriving town of 20,000 inhabitants; good shipping trade and local market; \$3,000.00 cash, balance on time. Address E. Haentze, Fond du Lac, Wisconsin.

WANTED—Experienced man for teas and mum stock to work under foreman. Salary \$25.00 and board per month to begin with. Poehlmann Bros., Morton Grove, Ill.

WANTED—Working foreman, thoroughly competent, steady and sober; must have good reference; no other need apply. Write us, stating experience, etc., and salary wanted, at once. Greene & Underhill, Watertown, N. Y.

SITUATION WANTED—As foreman by a practical grower of roses and carnations. Address Foreman, care of Jas. McSorley, 710 Beaterly Street, Richmond, Va.

WANTED—Florist, must be sober, industrious and good designer. Write, stating experience and wages with board. D. C. Noble, Columbia City, Ind.

WANTED—Second-hand 4-in. soil pipe and fittings; must be in good usable condition; also can use a 20-horse power boiler of horizontal pattern. Address D. C. Noble, Columbia City, Ind.

SITUATION WANTED—A permanent situation as manager of commercial place, new one preferred. Will be at liberty July 1. Am up-to-date in every department. North-eastern Pennsylvania preferred. Address Practical, care Florists' Review.

WANTED TO RENT—A place in good condition of from 400 to 500 feet of glass. Address Scotch, care of Florists' Review.

WANTED—A few good men as assistant rose growers and helpers. Apply to Bassett & Washburn, Hinsdale, Ill.

FOR SALE at a great sacrifice.

STOCK OF PLANTS AND SIX GREENHOUSES with latest improvements, steam heat, etc.; opposite cemetery, large ground fronting main street in prosperous town close to Chicago; street car passing the door; best opportunity to secure excellent investment and well-paying business. Reason for selling owner going to Europe. S. SCHALLMANN & CO., Room 1204, 138 Washington St., CHICAGO.

FOR SALE.

A fine farm of 439 acres of rolling land, under cultivation. A fine dwelling, good water, plenty of fruit trees. An excellent opportunity. Write for particulars. Price \$5,500 00.

A large plant situated in a large town in Ohio. 60,000 feet of glass. A modern place fully equipped and stocked. Three dwellings; city store, furniture and equipments. Reasons for selling and price will be furnished on application.

Any of the above named properties is a bargain and those desiring to purchase will do well to communicate with us. These are only a few of the properties that we have for sale and leasing.

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P. O. Box 869.

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240 acres of land on Isthmus of Tehuantepec, State of Vera Cruz, Mexico.

For full particulars write

ROLAND HUGHES,
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SEE OUR

**Decoration Day
Price List**

on page 801, and don't overlook our PÆONIES, pink and white, at \$5.00 per 100.

...WE HAVE OVER A THOUSAND DOZEN...

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42-44 Randolph Street.....CHICAGO.

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At MORRIS, Illinois,

61 miles west of Chicago, doing a retail and wholesale business. Incorporated 1897. Doing a business that increased every year; increase of business over 1899 was \$1,282.61 up to April 1, 1900. Reason for selling: A. Mitting, present secretary and manager, retiring. There is no one else in the company who understands the florist business. The plant, with 2 houses, barn and 6 acres of land, cannot be built for \$20,000 to-day. If you mean business, come and see it. Terms, \$3,000 cash, balance good paper. For sale to the highest bidder. All bids will be opened on July 1st by the directors.

A. MITTING, Secretary.

Morris, Ill., May 15, 1900.

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by
WILLIAM SCOTT

Is a book of 224 large pages (same size as those of the Florists' Review), and contains about 300 articles on commercial plants and cultural operations, each giving "the meat" only, from the personal experience of a thoroughly practical man who is in daily touch with each department of the business and who has that rare quality of being able to tell others what they want to know. The articles are arranged alphabetically, like those in an encyclopedia, and in an instant one can turn to the subject upon which light is desired at the moment. The book is illustrated by over 200 fine half-tone engravings. It is

**A Complete Reference Book for
Commercial Florists**

and is a whole library on practical commercial floriculture in one volume. It is very handsomely and substantially bound in half leather, with specially designed title in gold.

Price, \$5.00 Carriage Prepaid.

Florists' Publishing Co., CAXTON BUILDING, Chicago.



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GREENHOUSE BUILDERS
Hot Water Boilers, Pipes, Fittings,
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Send Four Cents for Catalogue

THE FLORISTS' REVIEW

G. L. GRANT, EDITOR AND MANAGER.

PUBLISHED EVERY THURSDAY BY

THE FLORISTS' PUBLISHING CO.

520-535 Caxton Building, Chicago.

334 Dearborn Street.

Subscription, \$1.00 a year. To Europe, \$2.00. Subscriptions accepted from those in the trade only.

Advertising rates: Per inch, \$1.00; 1/4 page, \$13.50; full page, \$27.00. Discounts: 5 times, 5 per cent; 10 times, 10 per cent; 25 times, 20 per cent; 50 times, 30 per cent. Discounts allowed only on consecutive insertions. Only strictly trade advertising accepted. Advertisements must reach us by Tuesday to insure insertion in the issue of the following Thursday.

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Standard Size,
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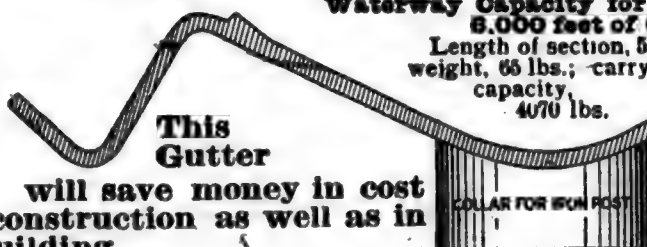
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Waterway Capacity for
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Length of section, 5 ft.;
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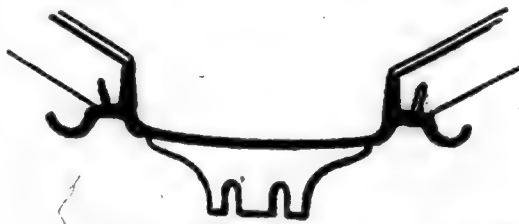
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Iron Plate and Drip Conductor for Outside Walls of Disconnected Houses.

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Greenhouses erected with our
Patent Iron Construction.

Send for Catalogue.

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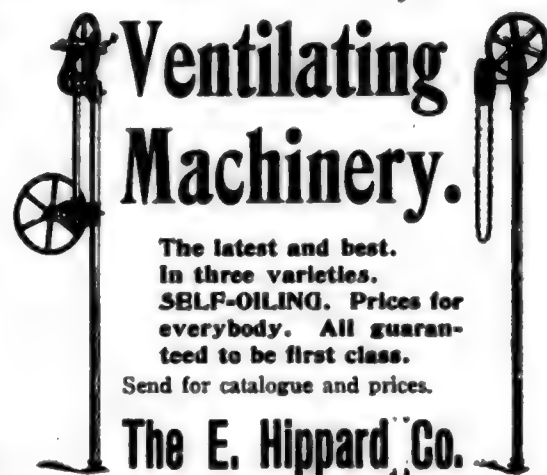
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Ventilating Machinery.

The latest and best.

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SELF-OILING. Prices for
everybody. All guaran-
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Send for catalogue and prices.

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PIPES, FITTINGS AND VENTILATING APPARATUS

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Nikoteen Aphis Punk It Burns

The most convenient way of applying an insecticide ever yet devised. No pans required—No heating of irons—No trouble—Cannot injure the most sensitive blooms—Very effective. Price 60¢ per box of 12 rolls. All dealers sell it!

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"NICOMITE"

(PATENT)

Vapor Insecticide

POWDER.

No labor required. Harmless to bloom and foliage. A certain killer of ALL GREENHOUSE BUGS.

SOLD BY SEEDSMEN.

The Tobacco Warehousing and Trading Co.
LOUISVILLE, KY.

Mention The Review when you write.

COLUMBUS, O.

Death entered the home of Mr. S. F. Stephens and called their only daughter, aged seven years, to the great beyond. Mr. and Mrs. Stephens have the sympathy of many friends in their sad bereavement.

Miss Hester Getz was given a compromise in the court, Mr. Cross paying court costs and Miss Getz to vacate by May 19.

The florists report a rushing business in cut flowers and bedding plants.

DENVER, COLO.

The following scores were made by Denver florists, Tuesday, May 15:

	1	2	3	Av.
Scott	234	210	187	211
Mauff	160	189	163	173
Bloy	162	147	189	169
Applegate	123	135	190	154
Valentine	106	106	106	152

P. S.

CINCINNATI, O.—The people of the city are urging the appointment of Mr. B. P. Critchell as superintendent of parks.

WRITE FOR CATALOGUE

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OF EVERY DESCRIPTION

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The volume is written by a woman for women, in plain, concise language, easily understood, and the book has the special merit of giving directions which can be readily followed, the methods prescribed being of the simplest, and the material suggested to be used easily within reach of all.

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We offer Special Inducements to all who wish to handle this book. It is a good seller.

FOR PARTICULARS, ADDRESS

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Over 200 large pages.
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Following is a list of the sub-
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Acanthopanax	Bay Trees	Cytisus	Hardy Perennials	Mimulus	Sedum
Acer japonicum	Bedding Plants	Dahlia	Hardy Shrubs	Moon Flower	Seed Sowing
Achillea	Begonia	Decorations	Hibiscus	Mulching	Selaginella
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Adiantum	Bougainvillea	Dianthus	Hoya	Nepenthes	Smilax
Agapanthus	Bouvardia	Dracaena	Impatiens	Nierembergia	Soils
Agave	Bromeliads	Drainage	Insecticides	Oleander	Solanum
Ageratum	Browallia	Easter Plants	Iresine	Orchids	Stephanotis
Allamanda	Bullia	Epacris	Jasminum	Othonna	Stevia
Alocasia	Caladium	Erica	Kalmia	Oxalis	Stocks
Aloysia	Calamus	Eriostemon	Koeniga	Packing Flowers	Store Management
Alternanthera	Calceolaria	Eucharis	Lantana	Packing Plants	Swainsona
Amaranthus	Camellia	Eupatorium	Lapageria	Paeonia	Sweet Peas
Amaryllis	Canna	Euphorbia	Lawns	Palms	System
Ampelopsis	Carludovica	Ferns	Libonia	Pandanus	Thunbergia
Ananas	Carnation	Fertilizers	Lilium	Panicum var.	Torenia
Annuals	Celosia	Ficus	Lily of the Valley	Pelargonium	Tropaeolum
Anthericum	Centaurea	Fittonia	Linum trigynum	Peperomia	Tuberose
Anthurium	Cheiranthus	Floral Arrange- ments	Lobelia	Perilla	Valotta
Antirrhinum	Chrysanthemum	Freesia	Lysimachia	Petunia	Vases
Aponogeton	Cineraria	Fuchsia	Manettia	Phlox	Ventilation
Aquatics	Clematis	Fungicides	Manures	Pinks	Veranda Boxes
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Aster	Crocus				

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Boilers made of the best material, shell, firebox sheets and heads of steel, water space all around (front, sides and back). Write for information. Mention The Review when you write.



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Hot Water
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Best made for
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SELF-FEEDING
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Simple Strong,
Durable.
Send for Catalog, etc.

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Mention The Review when you write.

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VASES



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Lawn Settees,
Manufactured by
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BROS.,

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Send for our
1900 Catalogue.

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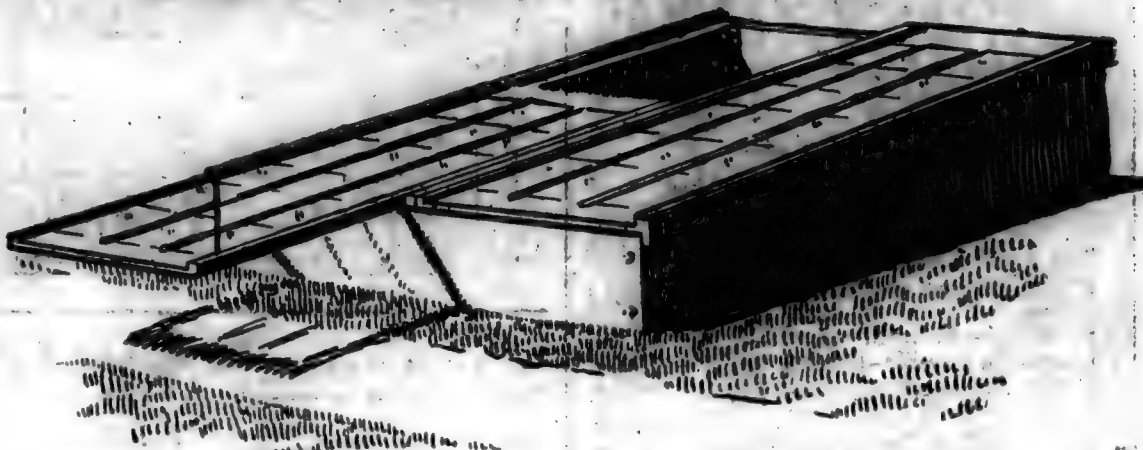
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CHALLENGE
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APPARATUS.

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RICHMOND, IND.

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We make special **GREENHOUSE PUTTY.**

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NEW YORK OFFICE, St. James Bldg., Broadway & 26th St., N. Y.

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Horticultural Architects and Builders.

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We would call your attention to the following letter in reference to our New Sectional Boiler:

KEAP STREET GREENHOUSES,
BROOKLYN, N. Y., March 23, 1900.

MESSRS THOS. W. WEATHERED'S SONS,
46 and 48 Marion Street, New York City.
GENTLEMEN—I purchased from you last September, one of your Sectional Hot Water Boilers for my greenhouse at Flatbush, and was so well pleased with the results that I bought another one for my Keap Street Greenhouses, taking out another make. Anything I might say would not be too high praise for your boilers. They work perfectly, and I am pleased to say that so far I have saved in coal one-half of the cost of the boilers. They will therefore pay for themselves in another year, a result which I consider remarkable. I would be pleased to reply to anyone desiring the actual proof of above.

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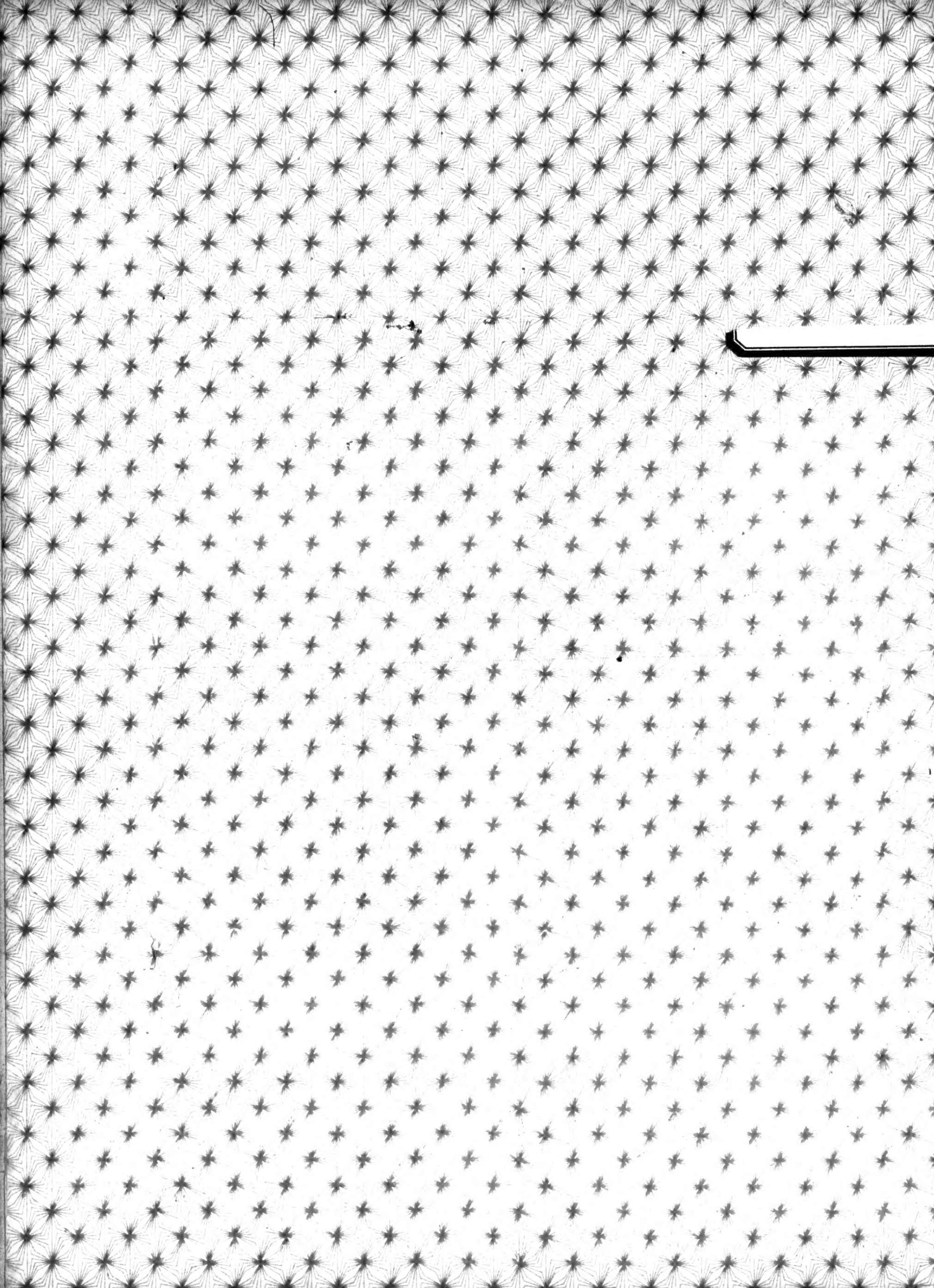
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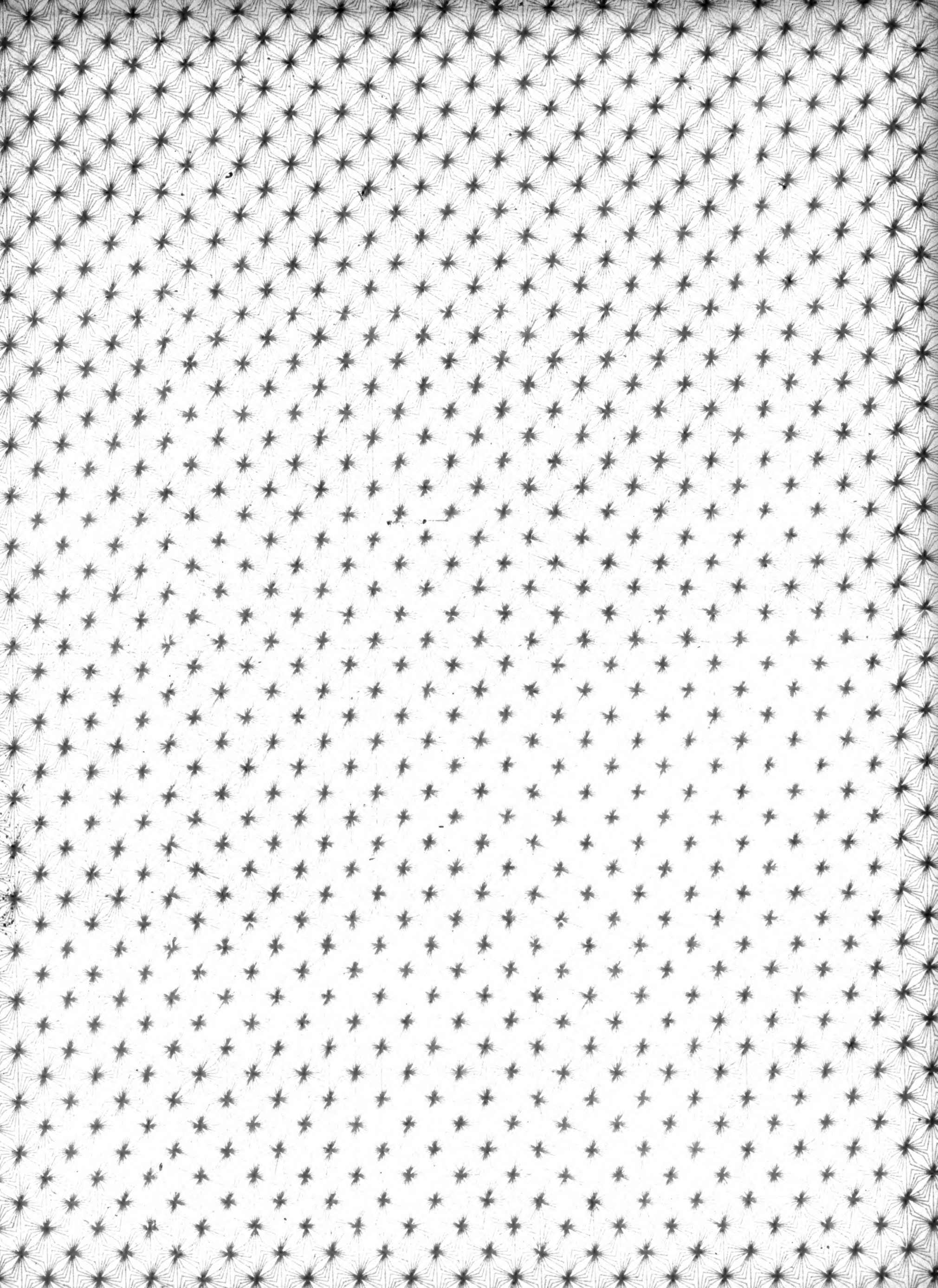
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